

# Use Web Font in CSS

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**Web font** is the font that is put on the website by website designers, without installing on the user's computer.

To do this, you use a rule called **@ font-face** , which creates a identifier font and points to a font file stored on the Internet.

When users browse the web, they will automatically download the font and see the unique and strange font effects and may be "unique" only your website.

In this article, TipsMake.com will work with you to learn how to use @ font-face, invite you to follow it.

## Common font formats

### 1. TrueType Font (TTF)

**TrueType** is a standard font, developed by Apple and Microsoft in the late 1980s. TrueType is the most popular font format for both MacOS and Microsoft Windows operating systems.

### 2. OpenType Font (OTF)

**OpenType** is a cross-platform computer font format and contains extended character sets, developed based on TrueType and trademarked by Microsoft. OpenType font is commonly used today on mainframe platforms.

### 3. The Web Open Font Format (WOFF)

**WOFF** is the format used to develop Webpage, developed by Mozilla and some other organizations in 2009. WOFF is essentially an OpenType or TrueType added with some descriptive data and part of its own format. yourself, making the transmission of the network lighter. W3C encourages the use of this format.

### 4. The Web Open Font Format (WOFF 2.0)

**WOFF2** is an upgraded version of WOFF developed by Google with an average compression capability 30% higher than WOFF 1.0.

### 5. SVG Font / Shape

**SVG Font** is a font consisting of SVG characters (image - color or colorless), different from the normal font in that the letters are all images, so it has enough visual effects , such as dust effect, color, watercolor . SVG Font is never compressed and is usually quite large in size.

## 6. Embedded OpenType Fonts (EOT)

**EOT** , developed by Microsoft, is a compact OpenType format, designed to be used as embedded fonts on websites.

## How to use @ font-face

To use **@ font-face** , we **gather many CSS properties** in combination with the font format to create the desired font types.

Attribute	Value	Description
font-family	name	Specify a name for the font.
src	URL (Required)	The path to where the font is located.
font-stretch	normal condensed ultra-condensed extra-condensed semi-condensed expanded semi-expanded extra-expanded ultra-expanded	Specifies whether text is wider or narrower. The default value is "normal".
font-style	normal italic	Define font-style. The default value is "normal".
font-weight	normal bold 100 200 300 400 500 600 700 800 900 (Optional)	Determine the font-weight. The default value is "normal".
unicode-range	unicode-range	Specifies the range of UNICODE characters that the font supports. The default value is "U + 0-10FFFF".

## For example

**Example 1:** Use the font you want

```
@font-face {  
  font-family: FontQuanTriMang;  
  src: url(sansation_light.woff);  
}
```

```
div {  
  font-family: FontQuanTriMang;  
}
```

Results show:

# @font-face trong CSS

By: [Quantrimang.com](http://Quantrimang.com)

## My love - Westlife

An empty street  
An empty house  
A hole inside my heart  
I'm all alone  
The rooms are getting smaller

I wonder how  
I wonder why  
I wonder where they are  
The days we had  
The songs we sang together  
Oh yeah  
And all my love  
I'm holding on forever  
Reaching for the love that seems so far

So I say a little prayer  
And hope my dreams will take me there  
Where the skies are blue  
To see you once again, my love  
Over seas from coast to coast  
To find the place I love the most  
Where the fields are green  
To see you once again, my love

**Full code:**

# @ font-face in CSS

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**Example 2:** Use bold letters

```
@font-face {  
  font-family: FontQuanTriMang;  
  src: url(sansation_bold.woff);  
  font-weight: bold;  
}
```

"*sansation\_bold.woff*" is another font file, containing bold characters for *Sansation* fonts in example 1.

The browser will use this format whenever the text with the font "*FontQuanTriMang*" is bold.

# @font-face trong CSS

By: [Quantrimang.com](http://Quantrimang.com)

## I Lay My Love on You - Westlife

### **Just a smile and the rain is gone**

Can hardly believe it (yeah)  
There's an angel standing next to me  
Reaching for my heart

### **Just a smile and there's no way back**

Can hardly believe it (yeah)  
But there's an angel and she's calling me  
Reaching for my heart

### **I know, that I'll be ok now**

This time it's real

### **I lay my love on you**

It's all I want to do  
Every time I breathe I feel brand new  
You open up my heart  
Show me all your love, and walk right through  
As I lay my love on you

**Full code:**

# @ font-face in CSS

By: [TipsMake.com](http://TipsMake.com)

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