

Converting Colors

Hex(F12787)

Have a look what the booklet for
Hex(F12787) contains.

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Color

Hex(F12787)

Conversions

Conversions Part 1

Format	Color
Hex	F12787
RGB	241, 39, 135
RGB Percent	95%, 15%, 53%
CMY	0.0549, 0.8471, 0.4706
CMYK	0.00, 0.84, 0.44, 0.05
HSL	331°, 88%, 55%
HSV	331°, 84%, 95%
XYZ	41.3743, 21.9011, 24.9683
YIQ	110.3420, 89.5760, 72.6800

Conversions

Conversions Part 2

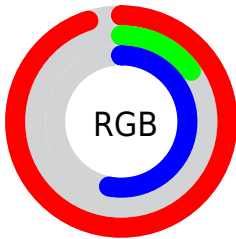
Format	Color
R_{YB}	241, 39, 135
Decimal	15804295
CIE _{Lab}	53.92, 77.55, -1.86
CIE _{LCh}	54, 77.572, 358.625
Yxy	21.9011, 0.4689, 0.2482
Android (android.graphics.Color)	4293994375 (0xFFFF12787)
YUV	110.3420, 12.1564, 114.5871
Hunter-Lab	46.7986, 75.9131, 1.1262

Details

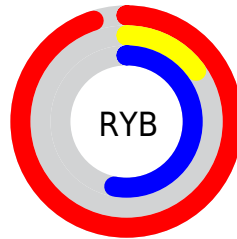
The Hex color **F12787** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **27F191**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF6DBC**, and **B30056** is the 20% darker color. If you saturate the color by 10%, you get **F10F7A**, and if you desaturate by 10%, it is **F13F94**.

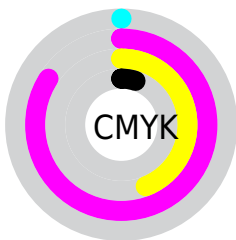
Distribution



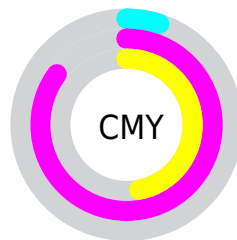
- Red (95%)
- Green (15%)
- Blue (53%)



- Red (95%)
- Yellow (15%)
- Blue (53%)



- Cyan (0%)
- Magenta (84%)
- Yellow (44%)
- Black (5%)



- Cyan (5%)
- Magenta (85%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color F12787 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color F12787 by changing the saturation by 10% instead.

 F12787

 F12787

FFFFFF

 D2006E

 FF6DBC

 B30056

 FF8CD8

 94003F

 FFAAF4

 760029

 FFC8FF

 580015

 FFE6FF

 3A0002

 130000

 000000

 F12787

 F12787

 F10F7A

 F13F94

 F10073

 F157A0

 F16FAD

 F187BA

 F19FC6

 F1B8D3

 F1D0E0

 F1E8EC

 F1FFF9

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CC4AC8



F12787



EF3A45

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F12787



5C8F00



0099F3

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



F12787



27F191

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



009DC0



F12787



009934

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F12787



9F7D00



009D7C



008BFF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F12787



DE5417



009D7C



009BE5

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



F12787



FFBFDE



8F27F1



80596B



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



F12787



FF0079



F12A27



786C72



B80057



38001B

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F12787



FF0079



27EEF1



786C72



B80057



38001B

Previews

White Background



This preview shows how the Hex color F12787 looks on a white background.

Color Contrast Check

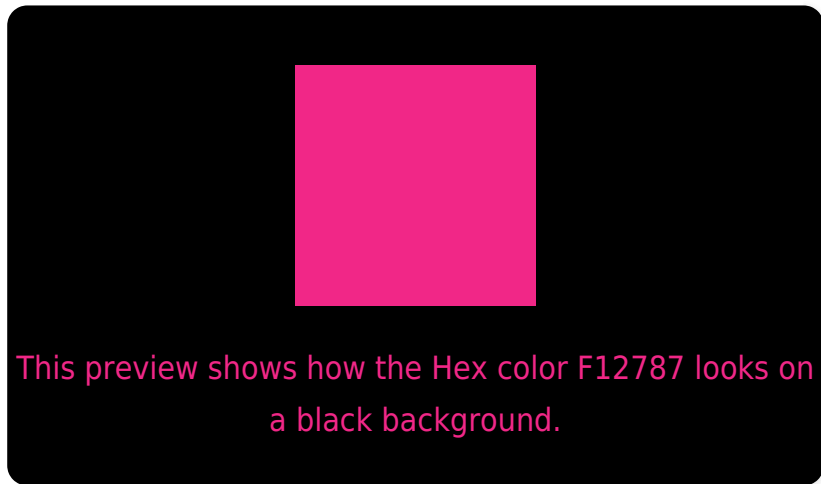
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex F12787 Background



This preview shows how black text looks on a background with the Hex color F12787.



This preview shows how white text looks on a background with the Hex color F12787.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
ED3F41

Trichromacy



Original Color
F12787



Protanomaly
9E60A8



Deuteranomaly
B35E81



Tritanomaly
EE365A

Monochromacy



Original Color
F12787



Achromatopsia
6E6E6E



Achromatomaly
9E5477

CSS Examples

Text

The CSS property to change the color of the text to Hex F12787 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #F12787 looks like.

```
.text, #text, p{  
    color:#F12787  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #F12787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F12787
}
```

Border

The CSS property to change the border of an element to Hex F12787 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F12787 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#F12787 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #F12787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F12787; -webkit-box-shadow:4px 4px  
4px 4px #F12787; box-shadow:4px 4px 4px  
4px #F12787 }
```

Background

The CSS property to change the background color of an element to Hex F12787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F12787 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#F12787 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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