

Converting Colors

Hex(F12F86)

Have a look what the booklet for
Hex(F12F86) contains.

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Color

Hex(F12F86)

Conversions

Conversions Part 1

Format	Color
Hex	F12F86
RGB	241, 47, 134
RGB Percent	95%, 18%, 53%
CMY	0.0549, 0.8157, 0.4745
CMYK	0.00, 0.80, 0.44, 0.05
HSL	333°, 87%, 56%
HSV	333°, 80%, 95%
XYZ	41.5952, 22.4550, 24.6962
YIQ	114.9240, 87.6970, 68.1850

Conversions

Conversions Part 2

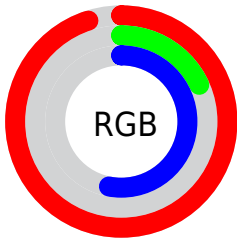
Format	Color
R_{YB}	241, 47, 134
Decimal	15806342
CIE _{Lab}	54.51, 75.70, -0.41
CIE _{LCh}	55, 75.704, 359.692
Yxy	22.4550, 0.4687, 0.2530
Android (android.graphics.Color)	4293996422 (0xFFFF12F86)
YUV	114.9240, 9.4045, 110.5687
Hunter-Lab	47.3867, 73.7573, 2.2710

Details

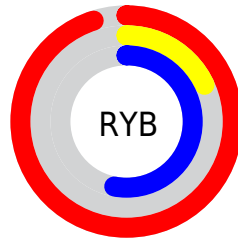
The Hex color **F12F86** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **2FF19A**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF72BB**, and **B30055** is the 20% darker color. If you saturate the color by 10%, you get **F11779**, and if you desaturate by 10%, it is **F14793**.

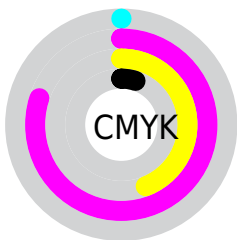
Distribution



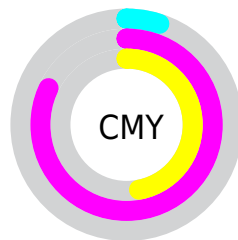
- Red (95%)
- Green (18%)
- Blue (53%)



- Red (95%)
- Yellow (18%)
- Blue (53%)



- Cyan (0%)
- Magenta (80%)
- Yellow (44%)
- Black (5%)



- Cyan (5%)
- Magenta (82%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color F12F86 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 F12F86 by changing the saturation by 10% instead.

 F12F86

 F12F86

FFFFFF

 D2006D

 FF72BB

 B30055

 FF90D7

 94003E

 FFAEF3

 760028

 FFCCFF

 580014

 FFEAFF

 3B0002

 140000

 000000

 F12F86

 F12F86

 F11779

 F14793

 F1006C

 F15FA1

 F177AE

 F18FBB

 F1A7C8

 F1C0D6

 F1D8E3

 F1F0F0

 F1FFFE

Harmonies

Analogous

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



CE4DC6



F12F86



EF4146

Triad

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



F12F86



5D9100



0099F4

Complementary

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



F12F86



2FF19A

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.



009FC2



F12F86



009A3B

Square

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



F12F86



9E8000



009E80



008BFF

Rectangle

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



F12F86



DD591A



009E80



009CE6

Sweetspot

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



F12F86



FFC2DD



9A2FF1



805B6B



000000



808080

Same Dimension

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



F12F86



FF0877



F1392F



786C71



B80052



380019

Inverse Universe

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



F12F86



FF0877



2FE7F1



786C71



B80052



380019

Previews

White Background



This preview shows how the Hex color F12F86 looks on a white background.

Color Contrast Check

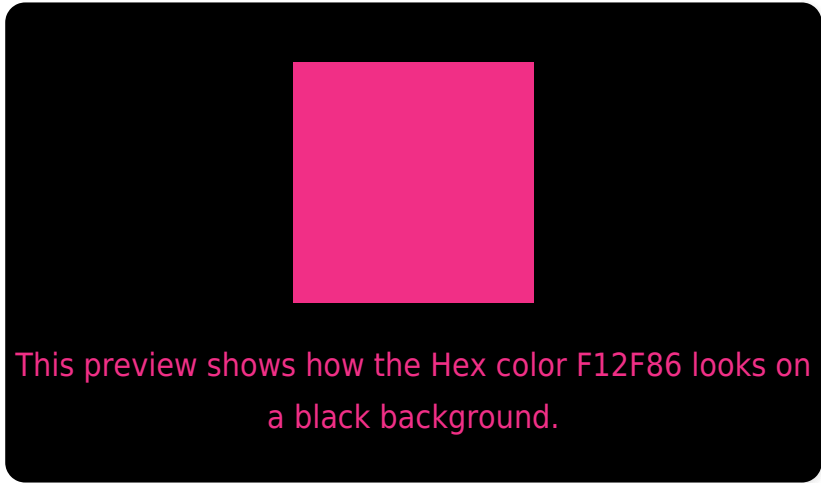
Large Text (above 18pt) WCAG AA ✓ Pass

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 F12F86 Background



This preview shows how black text looks on a background with the Hex color F12F86.



This preview shows how white text looks on a background with the Hex color F12F86.

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



Trichromacy



Original Color
F12F86



Protanomaly
A163A5



Deuteranomaly
B56180



Tritanomaly
EE3C5D

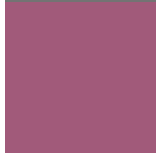
Monochromacy



Original Color
F12F86



Achromatopsia
737373



Achromatomaly
A15A7A

CSS Examples

Text

The CSS property to change the color of the text to Hex F12F86 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 #F12F86 looks like.

```
.text, #text, p{  
    color:#F12F86  
}
```

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 #F12F86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F12F86
}
```

Border

The CSS property to change the border of an element to Hex F12F86 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
#F12F86 }
```

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

```
.border{ border-color:#F12F86 }
```

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

Here you see how a box with a 4 pixel #F12F86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F12F86; -webkit-box-shadow:4px 4px  
4px 4px #F12F86; box-shadow:4px 4px 4px  
4px #F12F86 }
```

Background

The CSS property to change the background color of an element to Hex F12F86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F12F86 }
```

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

```
.background{ background-color:#F12F86 }
```

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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