

Converting Colors

Hex(F12793)

Have a look what the booklet for
Hex(F12793) contains.

Hex(F12793)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F12793)

Conversions

Conversions Part 1

Format	Color
Hex	F12793
RGB	241, 39, 147
RGB Percent	95%, 15%, 58%
CMY	0.0549, 0.8471, 0.4235
CMYK	0.00, 0.84, 0.39, 0.05
HSL	328°, 88%, 55%
HSV	328°, 84%, 95%
XYZ	42.2676, 22.2584, 29.6723
YIQ	111.7100, 85.7240, 76.4120

Conversions

Conversions Part 2

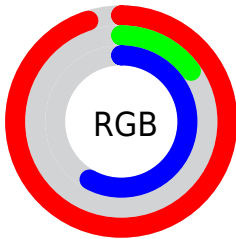
Format	Color
R _Y B	241, 39, 147
Decimal	15804307
CIE Lab	54.30, 78.63, -8.46
CIE LCh	54, 79.081, 353.859
Yxy	22.2584, 0.4487, 0.2363
Android (android.graphics.Color)	4293994387 (0xFFFF12793)
YUV	111.7100, 17.3980, 113.3873
Hunter-Lab	47.1788, 77.3557, -4.2643

Details

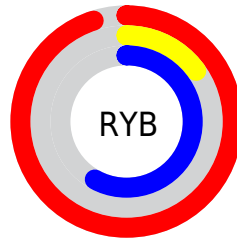
The Hex color **F12793** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **27F185**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF6EC9**, and **B30061** is the 20% darker color. If you saturate the color by 10%, you get **F10F88**, and if you desaturate by 10%, it is **F13F9E**.

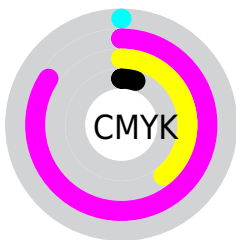
Distribution



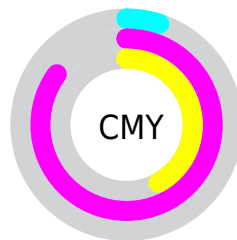
- Red (95%)
- Green (15%)
- Blue (58%)



- Red (95%)
- Yellow (15%)
- Blue (58%)



- Cyan (0%)
- Magenta (84%)
- Yellow (39%)
- Black (5%)



- Cyan (5%)
- Magenta (85%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color F12793 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 F12793 by changing the saturation by 10% instead.

 F12793

 F12793

FFFFFF

 D20079

 FF6EC9

 B30061

 FF8CE5

 950049

 FFAAFF

 770032

 FFC8FF

 59001E

 FFE7FF

 3C0003

 170000

 000000

 F12793

 F12793

 F10F88

 F13F9E

 F10081

 F157A9

 F16FB5

 F187C0

 F19FCB

 F1B8D6

 F1D0E2

 F1E8ED

 F1FFF8

Harmonies

Analogous

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



C450D4



F12793



F5324F

Triad

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



F12793



698E00



009BF0

Complementary

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



F12793



27F185

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.



009FB8



F12793



009927

Square

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



F12793



A97A00



009E71



008FFF

Rectangle

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



F12793



E64E23



009E71



009DE0

Sweetspot

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



F12793



FFBFE1



8227F1



80596E



000000



808080

Same Dimension

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



F12793



FF0088



F12731



786C72



B80062



38001E

Inverse Universe

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



F12793



FF0088



27F1E7



786C72



B80062



38001E

Previews

White Background



This preview shows how the Hex color F12793 looks on a white background.

Color Contrast Check

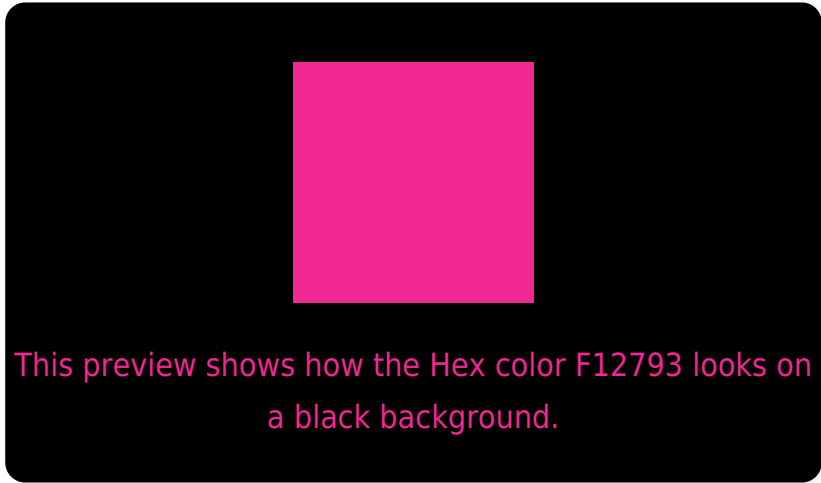
Large Text (above 18pt) WCAG AA ✓ Pass

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 F12793 Background



This preview shows how black text looks on a background with the Hex color F12793.



This preview shows how white text looks on a background with the Hex color F12793.

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
F12793



Protanomaly
9960B7



Deuteranomaly
B15E8D



Tritanomaly
EE3962

Monochromacy



Original Color
F12793



Achromatopsia
707070



Achromatomaly
9F557D

CSS Examples

Text

The CSS property to change the color of the text to Hex F12793 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 #F12793 looks like.

```
.text, #text, p{  
    color:#F12793  
}
```

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 #F12793 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F12793
}
```

Border

The CSS property to change the border of an element to Hex F12793 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
#F12793 }
```

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

```
.border{ border-color:#F12793 }
```

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

Here you see how a box with a 4 pixel #F12793 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F12793; -webkit-box-shadow:4px 4px  
4px 4px #F12793; box-shadow:4px 4px 4px  
4px #F12793 }
```

Background

The CSS property to change the background color of an element to Hex F12793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F12793 }
```

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

```
.background{ background-color:#F12793 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor