

Converting Colors

Hex(F12CA0)

Have a look what the booklet for
Hex(F12CA0) contains.

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Color

Hex(F12CA0)

Conversions

Conversions Part 1

Format	Color
Hex	F12CA0
RGB	241, 44, 160
RGB Percent	95%, 17%, 63%
CMY	0.0549, 0.8275, 0.3725
CMYK	0.00, 0.82, 0.34, 0.05
HSL	325°, 88%, 56%
HSV	325°, 82%, 95%
XYZ	43.5215, 23.0402, 35.4111
YIQ	116.1270, 80.1760, 77.8400

Conversions

Conversions Part 2

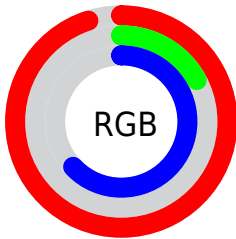
Format	Color
R _Y B	241, 44, 160
Decimal	15805600
CIE Lab	55.11, 78.86, -14.93
CIE LCh	55, 80.258, 349.280
Yxy	23.0402, 0.4268, 0.2259
Android (android.graphics.Color)	4293995680 (0xFFFF12CA0)
YUV	116.1270, 21.6294, 109.5136
Hunter-Lab	48.0002, 77.8444, -10.1397

Details

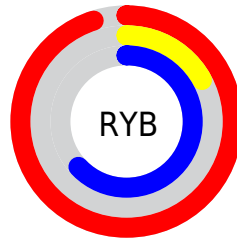
The Hex color **F12CA0** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **2CF17D**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF71D7**, and **B4006C** is the 20% darker color. If you saturate the color by 10%, you get **F11496**, and if you desaturate by 10%, it is **F144AA**.

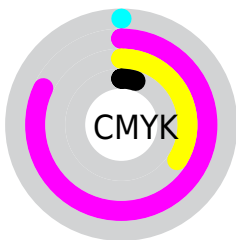
Distribution



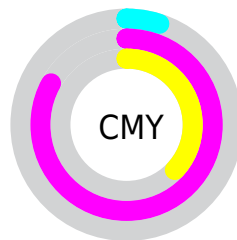
- Red (95%)
- Green (17%)
- Blue (63%)



- Red (95%)
- Yellow (17%)
- Blue (63%)



- Cyan (0%)
- Magenta (82%)
- Yellow (34%)
- Black (5%)



- Cyan (5%)
- Magenta (83%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color F12CA0 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 F12CA0 by changing the saturation by 10% instead.

 F12CA0

 F12CA0

FFFFFF

 D20086

 FF71D7

 B4006C

 FF8FF3

 950054

 FFADFF

 78003D

 FFCBFF

 5A0027

 FFEAFF

 3E0011

 1C0001

 000000

 F12CA0

 F12CA0

 F11496

 F144AA

 F1008E

 F15CB4

 F174BE

 F18CC8

 F1A4D2

 F1BDDB

 F1D5E5

 F1EDEF

 F1FFF9

Harmonies

Analogous

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



BC58E0



F12CA0



FB2C5B

Triad

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



F12CA0



768E00



009FED

Complementary

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



F12CA0



2CF17D

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.



00A2B0



F12CA0



009A18

Square

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



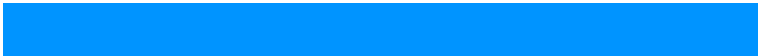
F12CA0



B47800



00A068



0094FF

Rectangle

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



F12CA0



EE482E



00A068



00A1DB

Sweetspot

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



F12CA0



FFBFE5



7B2CF1



805970



000000



808080

Same Dimension

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



F12CA0



FF0598



F12C40



786C73



B8006C



380021

Inverse Universe

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



F12CA0



FF0598



2CF1DD



786C73



B8006C



380021

Previews

White Background



This preview shows how the Hex color F12CA0 looks on a white background.

Color Contrast Check

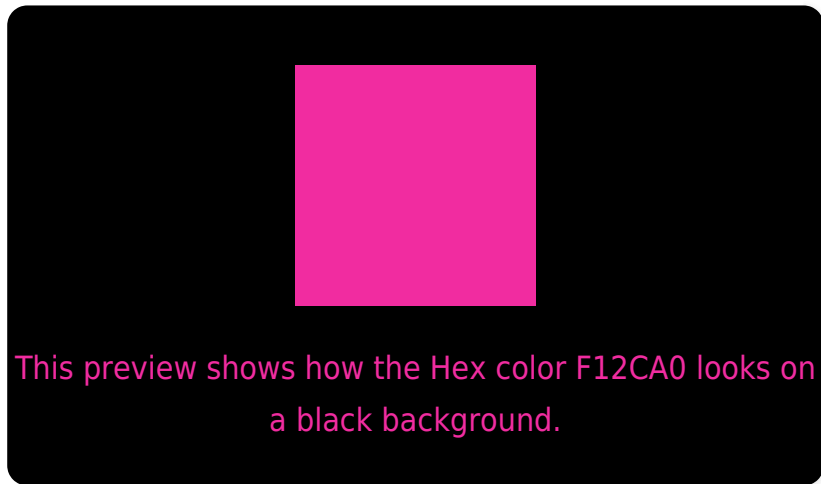
Large Text (above 18pt) WCAG AA ✓ Pass

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 F12CA0 Background



This preview shows how black text looks on a background with the Hex color F12CA0.

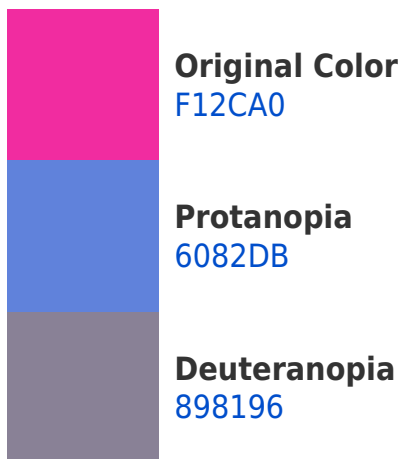


This preview shows how white text looks on a background with the Hex color F12CA0.

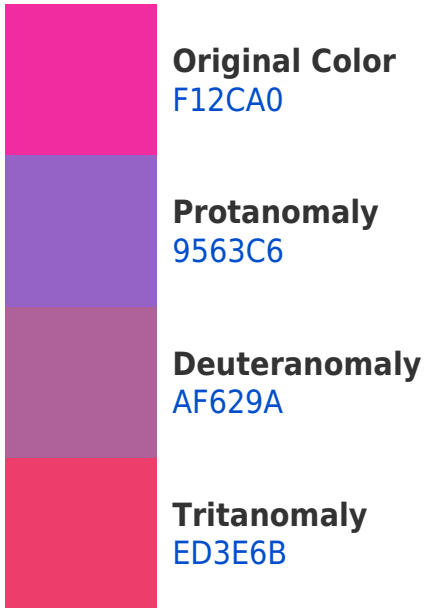
Color Blindness Simulation

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](#).

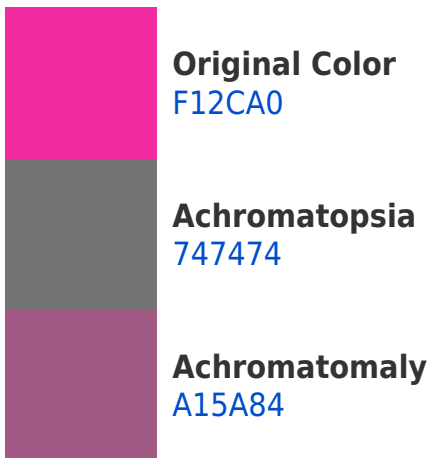
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F12CA0 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 #F12CA0 looks like.

```
.text, #text, p{  
    color:#F12CA0  
}
```

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 #F12CA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F12CA0
}
```

Border

The CSS property to change the border of an element to Hex F12CA0 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
#F12CA0 }
```

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

```
.border{ border-color:#F12CA0 }
```

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

Here you see how a box with a 4 pixel #F12CA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F12CA0; -webkit-box-shadow:4px 4px  
4px 4px #F12CA0; box-shadow:4px 4px 4px  
4px #F12CA0 }
```

Background

The CSS property to change the background color of an element to Hex F12CA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F12CA0 }
```

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

```
.background{ background-color:#F12CA0 }
```

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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