

Converting Colors

Hex(FF12C4)

Have a look what the booklet for
Hex(FF12C4) contains.

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Color

Hex(F12C4)

Conversions

Conversions Part 1

Format	Color
Hex	FF12C4
RGB	255, 18, 196
RGB Percent	100%, 7%, 77%
CMY	0.0000, 0.9294, 0.2314
CMYK	0.00, 0.93, 0.23, 0.00
HSL	315°, 100%, 54%
HSV	315°, 93%, 100%
XYZ	51.4201, 25.6781, 54.4708
YIQ	109.1550, 84.1140, 105.6020

Conversions

Conversions Part 2

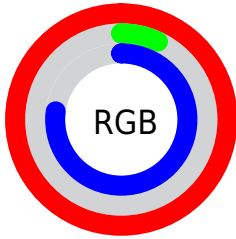
Format	Color
R _Y B	255, 18, 196
Decimal	16716484
CIE Lab	57.73, 89.61, -31.65
CIE LCh	58, 95.034, 340.548
Yxy	25.6781, 0.3908, 0.1952
Android (android.graphics.Color)	4294906564 (0xFFFF12C4)
YUV	109.1550, 42.8146, 127.9061
Hunter-Lab	50.6736, 92.4508, -28.2613

Details

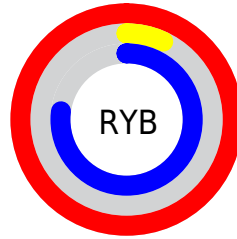
The Hex color **FF12C4** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **12FF4D**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF6AFD**, and **C1008E** is the 20% darker color. If you saturate the color by 10%, you get **FF00C0**, and if you desaturate by 10%, it is **FF2CCA**.

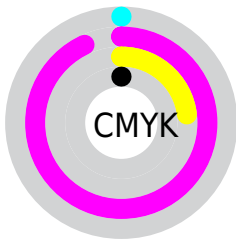
Distribution



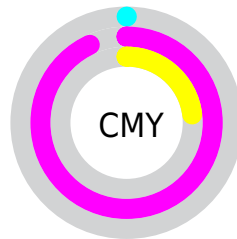
- Red (100%)
- Green (7%)
- Blue (77%)



- Red (100%)
- Yellow (7%)
- Blue (77%)



- Cyan (0%)
- Magenta (93%)
- Yellow (23%)
- Black (0%)



- Cyan (0%)
- Magenta (93%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF12C4 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 FF12C4 by changing the saturation by 10% instead.

 FF12C4

 FF12C4

FFFFFF

 E000A9

 FF6AFD

 C1008E

 FF8AFF

 A30074

 FFA9FF

 85005B

 FFC8FF

 670043

 FFE7FF

 4B002D

 2C0016

 000000

 FF12C4

 FF12C4

 FF00C0

 FF2CCA

 FF45D1

 FF5FD7

 FF78DD

 FF92E4

 FFABEA

 FFC5F0

 FFDEF7

 FFF8FD

Harmonies

Analogous

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



AD63FF



FF12C4



FF0072

Triad

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



FF12C4



8E9100



00ACF6

Complementary

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



FF12C4



12FF4D

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.



00ADA7



FF12C4



15A200

Square

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



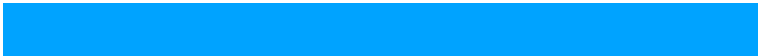
FF12C4



D37200



00A94F



00A3FF

Rectangle

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



FF12C4



FF203C



00A94F



00ADDE

Sweetspot

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



FF12C4



FFB8ED



4912FF



805475



000000



808080

Same Dimension

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



FF12C4



FF00C0



FF1251



80737C



BF0090



400030

Inverse Universe

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



FF12C4



FF00C0



12FFC0



80737C



BF0090



400030

Previews

White Background



This preview shows how the Hex color FF12C4 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 FF12C4 Background



This preview shows how black text looks on a background with the Hex color FF12C4.



This preview shows how white text looks on a background with the Hex color FF12C4.

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](#).

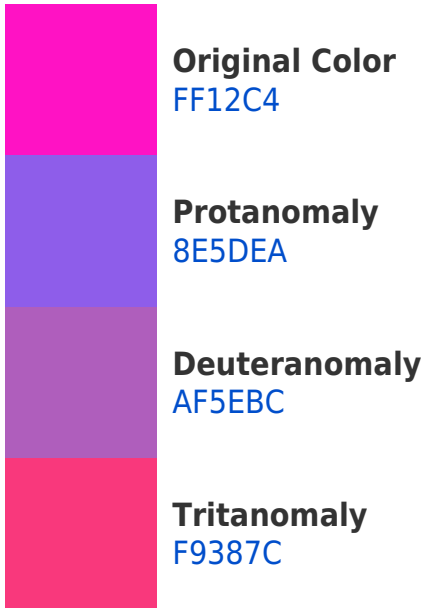
Dichromacy





Tritanopia
F64E53

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF12C4 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 #FF12C4 looks like.

```
.text, #text, p{  
    color:#FF12C4  
}
```

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 #FF12C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF12C4
}
```

Border

The CSS property to change the border of an element to Hex FF12C4 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
#FF12C4 }
```

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

```
.border{ border-color:#FF12C4 }
```

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

Here you see how a box with a 4 pixel #FF12C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF12C4; -webkit-box-shadow:4px 4px  
4px 4px #FF12C4; box-shadow:4px 4px 4px  
4px #FF12C4 }
```

Background

The CSS property to change the background color of an element to Hex FF12C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF12C4 }
```

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

```
.background{ background-color:#FF12C4 }
```

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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