

Converting Colors

Hex(FF12F7)

Have a look what the booklet for
Hex(FF12F7) contains.

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Color

Hex(F12F7)

Conversions

Conversions Part 1

Format	Color
Hex	FF12F7
RGB	255, 18, 247
RGB Percent	100%, 7%, 97%
CMY	0.0000, 0.9294, 0.0314
CMYK	0.00, 0.93, 0.03, 0.00
HSL	302°, 100%, 54%
HSV	302°, 93%, 100%
XYZ	58.2448, 28.4080, 90.4091
YIQ	114.9690, 67.7430, 121.4630

Conversions

Conversions Part 2

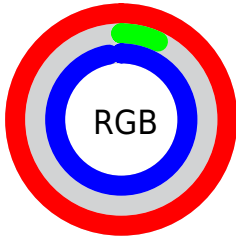
Format	Color
R _{YB}	255, 18, 247
Decimal	16716535
CIE _{Lab}	60.26, 96.01, -56.51
CIE _{LCh}	60, 111.401, 329.520
Y _{xy}	28.4080, 0.3290, 0.1604
Android (android.graphics.Color)	4294906615 (0xFFFF12F7)
YUV	114.9690, 65.0913, 122.8072
Hunter-Lab	53.2992, 101.7895, -63.2617

Details

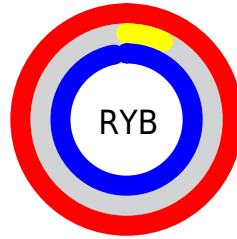
The Hex color **FF12F7** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **12FF1A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF6DFF**, and **C100BE** is the 20% darker color. If you saturate the color by 10%, you get **FF00F6**, and if you desaturate by 10%, it is **FF2CF8**.

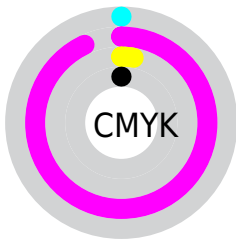
Distribution



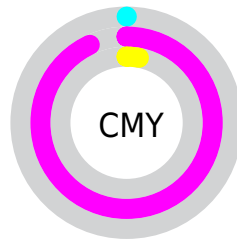
- Red (100%)
- Green (7%)
- Blue (97%)



- Red (100%)
- Yellow (7%)
- Blue (97%)



- Cyan (0%)
- Magenta (93%)
- Yellow (3%)
- Black (0%)



- Cyan (0%)
- Magenta (93%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF12F7 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 FF12F7 by changing the saturation by 10% instead.

 FF12F7

 FF12F7

FFFFFF

 E000DA

 FF6DFF

 C100BE

 FF8DFF

 A300A2

 FFADFF

 850087

 FFCCFF

 67006D

 FFE8FF

 4C0054

 2C003C

 000025

 00000D

 FF12F7

 FF12F7

 FF00F6

 FF2CF8

 FF45F9

 FF5FFA

 FF78FA

 FF92FB

 FFABFC

 FFC5FD

 FFDEFE

 FFF8FF

Harmonies

Analogous

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



6A77FF



FF12F7



FF0098

Triad

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



FF12F7



B28E00



00B8F1

Complementary

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



FF12F7



12FF1A

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.



00B68D



FF12F7



49A600

Square

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



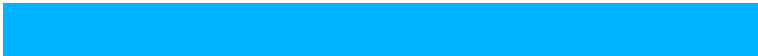
FF12F7



FB5E00



00B216



00B3FF

Rectangle

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



FF12F7



FF0058



00B216



00B8D1

Sweetspot

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



FF12F7



FFB8FD



1A12FF



80547E



000000



808080

Same Dimension

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



FF12F7



FF00F6



FF1281



80737F



BF00B9



40003E

Inverse Universe

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



FF12F7



FF00F6



12FF90



80737F



BF00B9



40003E

Previews

White Background



This preview shows how the Hex color FF12F7 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 FF12F7 Background



This preview shows how black text looks on a background with the Hex color FF12F7.

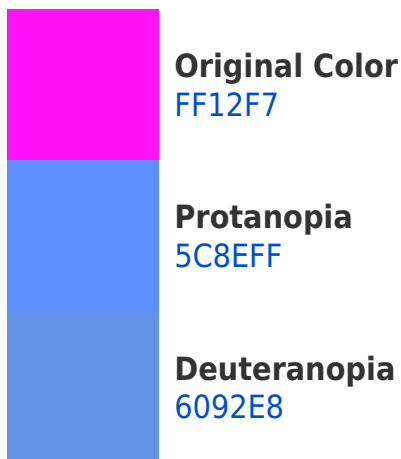



This preview shows how white text looks on a background with the Hex color FF12F7.

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
F06268

Trichromacy



Original Color
FF12F7



Protanomaly
9761FC



Deuteranomaly
9A63ED



Tritanomaly
F5459C

Monochromacy



Original Color
FF12F7



Achromatopsia
737373



Achromatomaly
A650A3

CSS Examples

Text

The CSS property to change the color of the text to Hex FF12F7 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 #FF12F7 looks like.

```
.text, #text, p{  
    color:#FF12F7  
}
```

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 #FF12F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF12F7
}
```

Border

The CSS property to change the border of an element to Hex FF12F7 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
#FF12F7 }
```

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

```
.border{ border-color:#FF12F7 }
```

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

Here you see how a box with a 4 pixel #FF12F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF12F7; -webkit-box-shadow:4px 4px  
4px 4px #FF12F7; box-shadow:4px 4px 4px  
4px #FF12F7 }
```

Background

The CSS property to change the background color of an element to Hex FF12F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF12F7 }
```

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

```
.background{ background-color:#FF12F7 }
```

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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