

Converting Colors

Hex(FF12EC)

Have a look what the booklet for
Hex(FF12EC) contains.

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Color

Hex(F12EC)

Conversions

Conversions Part 1

Format	Color
Hex	FF12EC
RGB	255, 18, 236
RGB Percent	100%, 7%, 93%
CMY	0.0000, 0.9294, 0.0745
CMYK	0.00, 0.93, 0.07, 0.00
HSL	305°, 100%, 54%
HSV	305°, 93%, 100%
XYZ	56.5966, 27.7487, 81.7299
YIQ	113.7150, 71.2740, 118.0420

Conversions

Conversions Part 2

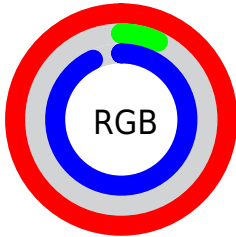
Format	Color
R _Y B	255, 18, 236
Decimal	16716524
CIE Lab	59.66, 94.52, -51.31
CIE LCh	60, 107.554, 331.505
Yxy	27.7487, 0.3408, 0.1671
Android (android.graphics.Color)	4294906604 (0xFFFF12EC)
YUV	113.7150, 60.2865, 123.9069
Hunter-Lab	52.6771, 99.5968, -55.1161

Details

The Hex color **FF12EC** 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 **12FF25**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF6CFF**, and **C100B3** is the 20% darker color. If you saturate the color by 10%, you get **FF00EB**, and if you desaturate by 10%, it is **FF2CEE**.

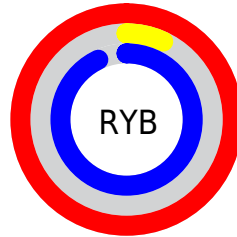
Distribution



Red (100%)

Green (7%)

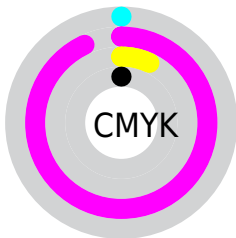
Blue (93%)



Red (100%)

Yellow (7%)

Blue (93%)

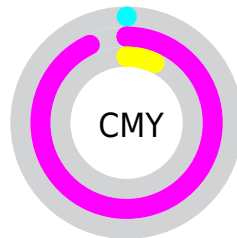


Cyan (0%)

Magenta (93%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (93%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF12EC 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 FF12EC by changing the saturation by 10% instead.

 FF12EC

 FF12EC

FFFFFF

 E000CF

 FF6CFF

 C100B3

 FF8CFF

 A30098

 FFACFF

 85007E

 FFCBFF

 670064

 FFEAFF

 4C004B

 2D0033

 00001D

 000000

 FF12EC

 FF12EC

 FF00EB

 FF2CEE

 FF45F0

 FF5FF2

 FF78F4

 FF92F6

 FFABF8

 FFC5FA

 FFDEFC

 FFF8FE

Harmonies

Analogous

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



7D73FF



FF12EC



FF0090

Triad

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



FF12EC



AB8E00



00B5F2

Complementary

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



FF12EC



12FF25

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.



00B492



FF12EC



42A500

Square

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



FF12EC



F36300



00B027



00B0FF

Rectangle

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



FF12EC



FF0052



00B027



00B5D3

Sweetspot

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



FF12EC



FFB8F9



2212FF



80547C



000000



808080

Same Dimension

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



FF12EC



FF00EB



FF1279



80737E



BF00B0



40003B

Inverse Universe

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



FF12EC



FF00EB



12FF98



80737E



BF00B0



40003B

Previews

White Background



This preview shows how the Hex color FF12EC 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 FF12EC Background



This preview shows how black text looks on a background with the Hex color FF12EC.

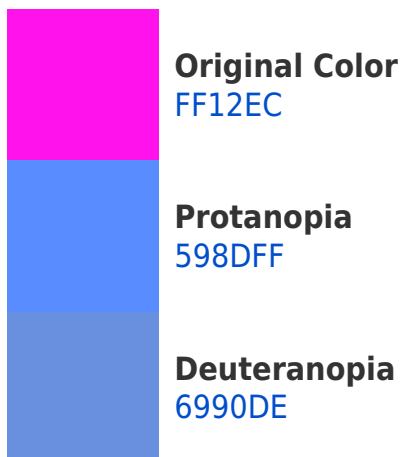


This preview shows how white text looks on a background with the Hex color FF12EC.

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
F25E64

Trichromacy



Original Color
FF12EC



Protanomaly
9560F8



Deuteranomaly
A062E3



Tritanomaly
F74295

Monochromacy



Original Color
FF12EC



Achromatopsia
727272



Achromatomaly
A54F9E

CSS Examples

Text

The CSS property to change the color of the text to Hex FF12EC 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 #FF12EC looks like.

```
.text, #text, p{  
    color:#FF12EC  
}
```

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 #FF12EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF12EC
}
```

Border

The CSS property to change the border of an element to Hex FF12EC is called "border". The border property can be set on classes, ids or directly on the HTML element.

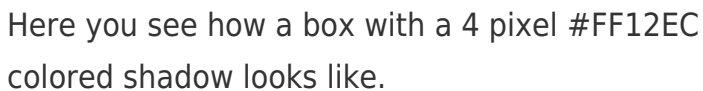
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF12EC }
```

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

```
.border{ border-color:#FF12EC }
```

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



Here you see how a box with a 4 pixel #FF12EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF12EC; -webkit-box-shadow:4px 4px  
4px 4px #FF12EC; box-shadow:4px 4px 4px  
4px #FF12EC }
```

Background

The CSS property to change the background color of an element to Hex FF12EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF12EC }
```

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

```
.background{ background-color:#FF12EC }
```

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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