

Converting Colors

Hex(FF0EC3)

Have a look what the booklet for
Hex(FF0EC3) contains.

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Color

Hex(**FF0EC3**)

Conversions

Conversions Part 1

Format	Color
Hex	FF0EC3
RGB	255, 14, 195
RGB Percent	100%, 5%, 76%
CMY	0.0000, 0.9451, 0.2353
CMYK	0.00, 0.95, 0.24, 0.00
HSL	315°, 100%, 53%
HSV	315°, 95%, 100%
XYZ	51.2474, 25.5142, 53.8535
YIQ	106.6930, 85.5350, 107.3830

Conversions

Conversions Part 2

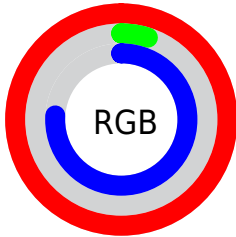
Format	Color
R_{YB}	255, 14, 195
Decimal	16715459
CIE _{Lab}	57.57, 89.83, -31.32
CIE _{LCh}	58, 95.133, 340.781
Yxy	25.5142, 0.3924, 0.1953
Android (android.graphics.Color)	4294905539 (0xFFFF0EC3)
YUV	106.6930, 43.5354, 130.0652
Hunter-Lab	50.5116, 92.7048, -27.8545

Details

The Hex color **FF0EC3** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light saturated magenta. A complement of this color would be **0EFF4A**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF69FC**, and **C1008D** is the 20% darker color. If you saturate the color by 10%, you get **FF00C0**, and if you desaturate by 10%, it is **FF28C9**.

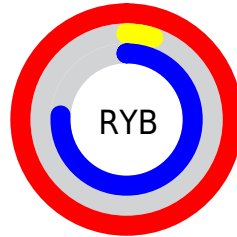
Distribution



Red (100%)

Green (5%)

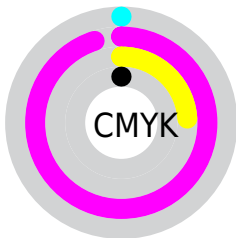
Blue (76%)



Red (100%)

Yellow (5%)

Blue (76%)

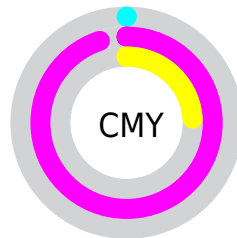


Cyan (0%)

Magenta (95%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (95%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF0EC3 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 FF0EC3 by changing the saturation by 10% instead.

 FF0EC3

 FF0EC3

FFFFFF

 E000A8

 FF69FC

 C1008D

 FF89FF

 A30073

 FFA8FF

 84005A

 FFC7FF

 670042

 FFE6FF

 4A002C

 2C0016

 000000

 FF0EC3

 FF0EC3

 FF00C0

 FF28C9

 FF41D0

 FF5BD6

 FF74DC

 FF8EE3

 FFA7E9

 FFC1EF

 FFDAF6

 FFF4FC

Harmonies

Analogous

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



AD62FF



FF0EC3



FF0071

Triad

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



FF0EC3



8D9100



00ABF6

Complementary

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



FF0EC3



0EFF4A

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.



00ACA7



FF0EC3



10A100

Square

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



FF0EC3



D27200



00A94F



00A3FF

Rectangle

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



FF0EC3



FF1F3B



00A94F



00ACDE

Sweetspot

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



FF0EC3



FFB8ED



460EFF



805475



000000



808080

Same Dimension

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



FF0EC3



FF00C0



FF0E4E



80737C



BF0090



400030

Inverse Universe

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



FF0EC3



FF00C0



0EFFBF



80737C



BF0090



400030

Previews

White Background



This preview shows how the Hex color FF0EC3 looks on a white background.

Color Contrast Check

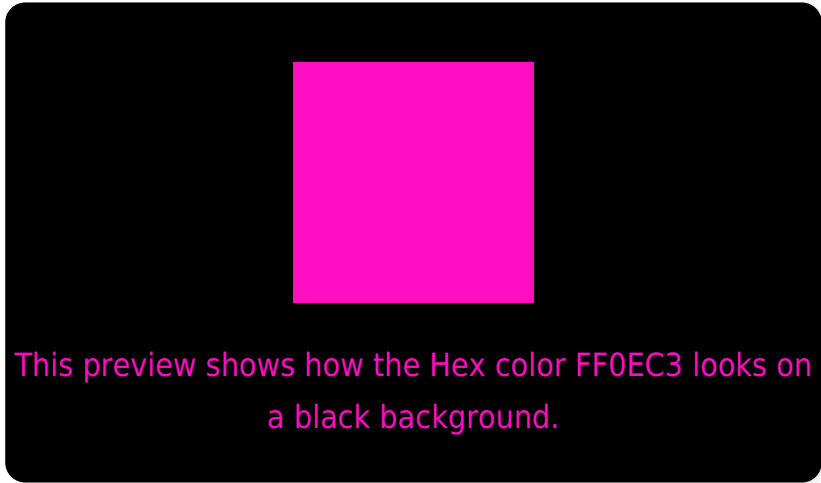
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF0EC3 Background



This preview shows how black text looks on a background with the Hex color FF0EC3.



This preview shows how white text looks on a background with the Hex color FF0EC3.

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
F64E52

Trichromacy



Original Color
FF0EC3



Protanomaly
8E5BE9



Deuteranomaly
AF5CBB



Tritanomaly
F9377B

Monochromacy



Original Color
FF0EC3



Achromatopsia
6B6B6B



Achromatomaly
A1498B

CSS Examples

Text

The CSS property to change the color of the text to Hex FF0EC3 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 #FF0EC3 looks like.

```
.text, #text, p{  
  color:#FF0EC3  
}
```

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 #FF0EC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0EC3
}
```

Border

The CSS property to change the border of an element to Hex FF0EC3 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
#FF0EC3 }
```

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

```
.border{ border-color:#FF0EC3 }
```

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

Here you see how a box with a 4 pixel #FF0EC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0EC3; -webkit-box-shadow:4px 4px  
4px 4px #FF0EC3; box-shadow:4px 4px 4px  
4px #FF0EC3 }
```

Background

The CSS property to change the background color of an element to Hex FF0EC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0EC3 }
```

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

```
.background{ background-color:#FF0EC3 }
```

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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