

Converting Colors

Hex(FF00E6)

Have a look what the booklet for
Hex(FF00E6) contains.

Hex(FF00E6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(**FF00E6**)

Conversions

Conversions Part 1

Format	Color
Hex	FF00E6
RGB	255, 0, 230
RGB Percent	100%, 0%, 90%
CMY	0.0000, 1.0000, 0.0980
CMYK	0.00, 1.00, 0.10, 0.00
HSL	306°, 100%, 50%
HSV	306°, 100%, 100%
XYZ	55.5229, 26.9732, 77.1429
YIQ	102.4650, 78.1500, 125.5900

Conversions

Conversions Part 2

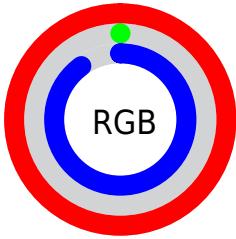
Format	Color
RYB	255, 0, 230
Decimal	16711910
CIELab	58.95, 94.91, -49.07
CIELCh	59, 106.850, 332.660
Yxy	26.9732, 0.3478, 0.1690
Android (android.graphics.Color)	4294901990 (0xFFFF00E6)
YUV	102.4650, 62.8748, 133.7732
Hunter-Lab	51.9357, 99.9416, -51.7116

Details

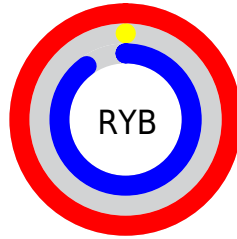
The Hex color **FF00E6** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **00FF19**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF68FF**, and **C100AE** is the 20% darker color. If you saturate the color by 10%, you get **FF00E6**, and if you desaturate by 10%, it is **FF19E9**.

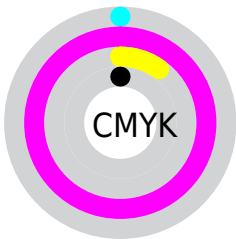
Distribution



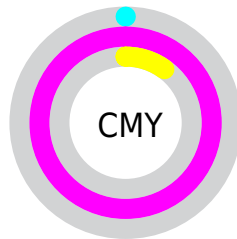
- Red (100%)
- Green (0%)
- Blue (90%)



- Red (100%)
- Yellow (0%)
- Blue (90%)



- Cyan (0%)
- Magenta (100%)
- Yellow (10%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF00E6 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 FF00E6 by changing the saturation by 10% instead.

 FF00E6

 FF00E6

FFFFFF

 E000CA

 FF68FF

 C100AE

 FF89FF

 A30093

 FFA9FF

 850078

 FFC8FF

 67005F

 FFE7FF

 4B0046

 2D002F

 000019

 000000

 FF00E6

 FF19E9

 FF33EB

 FF4DEE

 FF66F0

 FF80F3

 FF99F5

 FFB3F8

 FFCCFA

 FFE6FD

Harmonies

Analogous

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



846FFF



FF00E6



FF008A

Triad

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



FF00E6



A58E00



00B3F2

Complementary

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



FF00E6



00FF19

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.



00B294



FF00E6



3AA300

Square

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



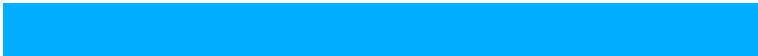
FF00E6



EE6400



00AE2B



00ADFF

Rectangle

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



FF00E6



FF004D



00AE2B



00B3D4

Sweetspot

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



FF00E6



FFB3F8



1500FF



80527B



000000



808080

Same Dimension

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



FF00E6



FF006A



80737E



BF00AD



40003A

Inverse Universe

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



FF00E6



00FF95



80737E



BF00AD



40003A

Previews

White Background



This preview shows how the Hex color FF00E6 looks on a white background.

Color Contrast Check

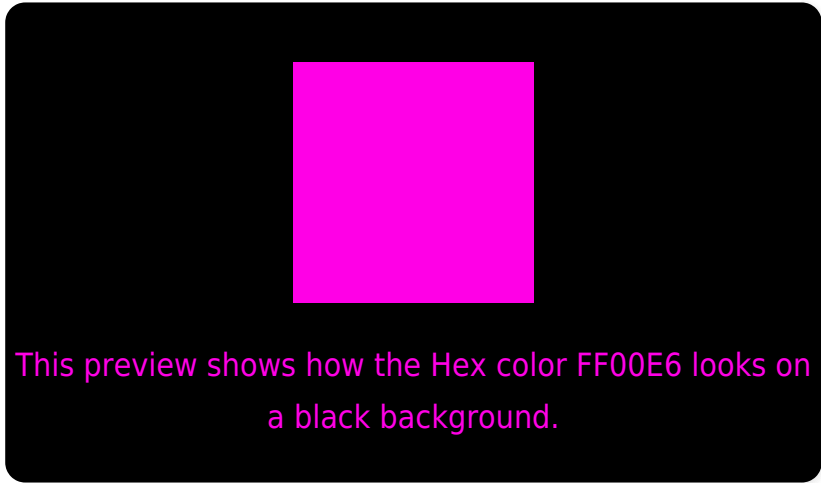
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF00E6 Background



This preview shows how black text looks on a background with the Hex color FF00E6.



This preview shows how white text looks on a background with the Hex color FF00E6.

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
F25A60

Trichromacy



Original Color
FF00E6



Protanomaly
9358F6



Deuteranomaly
A15ADD



Tritanomaly
F73991

Monochromacy



Original Color
FF00E6



Achromatopsia
666666



Achromatomaly
9E4195

CSS Examples

Text

The CSS property to change the color of the text to Hex FF00E6 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 #FF00E6 looks like.

```
.text, #text, p{  
    color:#FF00E6  
}
```

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 #FF00E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF00E6
}
```

Border

The CSS property to change the border of an element to Hex FF00E6 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
#FF00E6 }
```

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

```
.border{ border-color:#FF00E6 }
```

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

Here you see how a box with a 4 pixel #FF00E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF00E6; -webkit-box-shadow:4px 4px  
4px 4px #FF00E6; box-shadow:4px 4px 4px  
4px #FF00E6 }
```

Background

The CSS property to change the background color of an element to Hex FF00E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF00E6 }
```

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

```
.background{ background-color:#FF00E6 }
```

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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