

# Converting Colors

Hex(FA00E5)

Have a look what the booklet for  
Hex(FA00E5) contains.

<b>Hex(FA00E5)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(FA00E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA00E5
RGB	250, 0, 229
RGB Percent	98%, 0%, 90%
CMY	0.0196, 1.0000, 0.1020
CMYK	0.00, 1.00, 0.08, 0.02
HSL	305°, 100%, 49%
HSV	305°, 100%, 98%
XYZ	53.5672, 25.9811, 76.3203
YIQ	100.8560, 75.4910, 124.2190

# Conversions

## Conversions Part 2

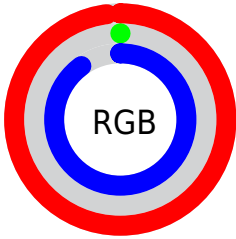
Format	Color
<b>R<sub>YB</sub></b>	250, 0, 229
Decimal	16384229
CIE <sub>Lab</sub>	58.02, 93.96, -50.04
CIE <sub>LCh</sub>	58, 106.453, 331.961
Yxy	25.9811, 0.3437, 0.1667
Android (android.graphics.Color)	4294574309 (0xFFFA00E5)
YUV	100.8560, 63.1750, 130.7993
Hunter-Lab	50.9717, 98.3888, -53.0952

# Details

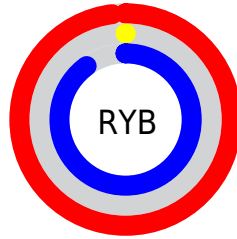
The Hex color **FA00E5** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **00FA15**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF67FF**, and **BC00AD** is the 20% darker color. If you saturate the color by 10%, you get **FA00E5**, and if you desaturate by 10%, it is **FA19E7**.

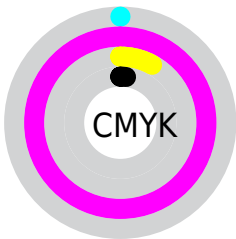
# Distribution



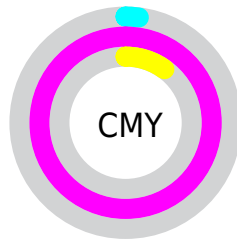
- Red (98%)
- Green (0%)
- Blue (90%)



- Red (98%)
- Yellow (0%)
- Blue (90%)



- Cyan (0%)
- Magenta (100%)
- Yellow (8%)
- Black (2%)



- Cyan (2%)
- Magenta (100%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA00E5 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 FA00E5 by changing the saturation by 10% instead.



 FA00E5

 FA00E5

FFFFFF

 DB00C9

 FF67FF

 BC00AD

 FF88FF

 9E0092

 FFA7FF

 800077

 FFC6FF

 63005E

 FFE5FF

 470045

 28002E

 000118

 000000

 FA00E5

 FA19E7

 FA32E9

 FA4BEB

 FA64ED

 FA7DEF

 FA96F2

 FAAFF4

 FAC8F6

 FAE1F8

# Harmonies

## Analogous

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



7C6EFF



FA00E5



FF008A

# Triad

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



FA00E5



A58B00



00B0ED

# Complementary

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



FA00E5



00FA15

# 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.



00AF8F



FA00E5



3BA100

# Square

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



FA00E5



EC6000



00AB26



00ABFF

# Rectangle

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



FA00E5



FF004E



00AB26



00B0CF



# Sweetspot

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



FA00E5



FFB3F9



1500FA



80527C



000000



808080



# Same Dimension

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



FA00E5



FF00EA



FA0068



7D707C



BD00AD



3D0038



# Inverse Universe

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



FA00E5



FF00EA



00FA92



7D707C



BD00AD



3D0038



# Previews

## White Background



This preview shows how the Hex color FA00E5 looks on a white background.

## Color Contrast Check

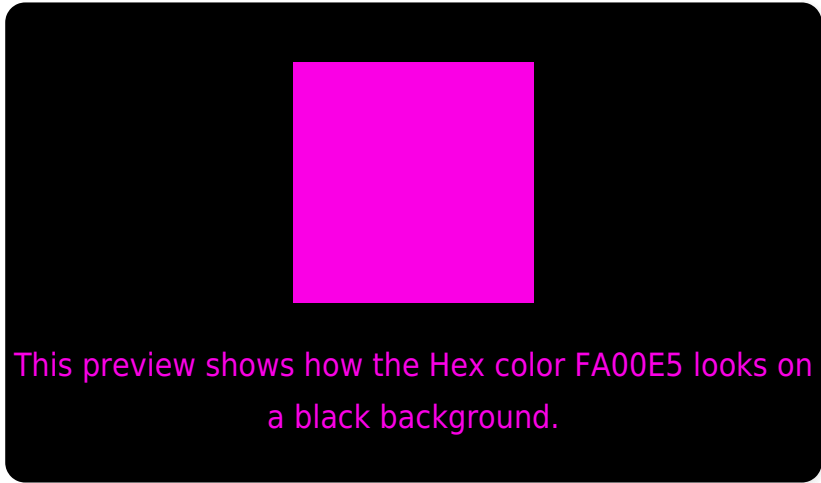
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA00E5 Background



This preview shows how black text looks on a background with the Hex color FA00E5.



This preview shows how white text looks on a background with the Hex color FA00E5.

# 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





# Trichromacy



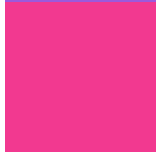
**Original Color**  
FA00E5



**Protanomaly**  
8E57F6



**Deuteranomaly**  
9D59DC



**Tritanomaly**  
F23990

# Monochromacy



**Original Color**  
FA00E5



**Achromatopsia**  
656565



**Achromatomaly**  
9B4094

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA00E5 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 #FA00E5 looks like.

```
.text, #text, p{  
  color:#FA00E5  
}
```

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 #FA00E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA00E5  
}
```

## Border

The CSS property to change the border of an element to Hex FA00E5 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  
#FA00E5 }
```

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

```
.border{ border-color:#FA00E5 }
```

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

Here you see how a box with a 4 pixel #FA00E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA00E5; -webkit-box-shadow:4px 4px  
4px 4px #FA00E5; box-shadow:4px 4px 4px  
4px #FA00E5 }
```

# Background

The CSS property to change the background color of an element to Hex FA00E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA00E5 }
```

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

```
.background{ background-color:#FA00E5 }
```

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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