

# Converting Colors

Hex(C600EF)

Have a look what the booklet for  
Hex(C600EF) contains.

<b>Hex(C600EF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	28

**Color**

**Hex(C600EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C600EF
RGB	198, 0, 239
RGB Percent	78%, 0%, 94%
CMY	0.2235, 1.0000, 0.0627
CMYK	0.17, 1.00, 0.00, 0.06
HSL	290°, 100%, 47%
HSV	290°, 100%, 94%
XYZ	38.8687, 18.2378, 83.1330
YIQ	86.4480, 41.2890, 116.3050

# Conversions

## Conversions Part 2

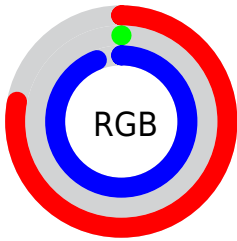
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 0, 239
Decimal	12976367
CIELab	49.78, 87.58, -69.38
CIELCh	50, 111.729, 321.615
Yxy	18.2378, 0.2772, 0.1300
Android (android.graphics.Color)	4291166447 (0xFFC600EF)
YUV	86.4480, 75.2081, 97.8311
Hunter-Lab	42.7057, 87.7272, -85.5228

# Details

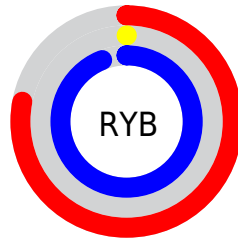
The Hex color **C600EF** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed magenta. A complement of this color would be **29EF00**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF5EFF**, and **8A00B6** is the 20% darker color. If you saturate the color by 10%, you get **C600EF**, and if you desaturate by 10%, it is **CA18EF**.

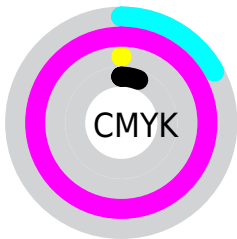
# Distribution



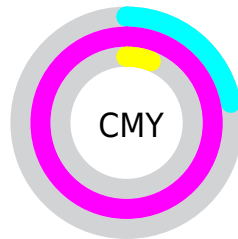
- Red (78%)
- Green (0%)
- Blue (94%)



- Red (78%)
- Yellow (0%)
- Blue (94%)



- Cyan (17%)
- Magenta (100%)
- Yellow (0%)
- Black (6%)



- Cyan (22%)
- Magenta (100%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C600EF 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 C600EF by changing the saturation by 10% instead.



 C600EF

 C600EF

FFFFFF

 A800D2

 FF5EFF

 8A00B6

 FF7DFF

 6C009A

 FF9BFF

 4E007F

 FFB9FF

 320065

 FFD8FF

 04004C

 FFF6FF

 000434

 00021E

 000000

 C600EF

 CA18EF

 CE30EF

 D248EF

 D660EF

 DB77EF

 DF8FEF

 E3A7EF

 E7BFEF

 EBD7EF

# Harmonies

## Analogous

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



006BFF



C600EF



FF0095

# Triad

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



C600EF



A76A00



0099BB

# Complementary

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



C600EF



29EF00

# 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.



009758



C600EF



4B8600

# Square

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



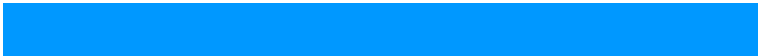
C600EF



E72500



009200



0098FF

# Rectangle

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



C600EF



FF0058



009200



00999B



# Sweetspot

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



C600EF



F2B3FF



002CEF



785280



000000



808080



# Same Dimension

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



C600EF



D300FF



EF00A3



766C78



9800B8



2E0038



# Inverse Universe

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



EF0029



FF002C



00EF4C



786C6E



B8001F



38000A



# Previews

## White Background



This preview shows how the Hex color C600EF looks on a white background.

## Color Contrast Check

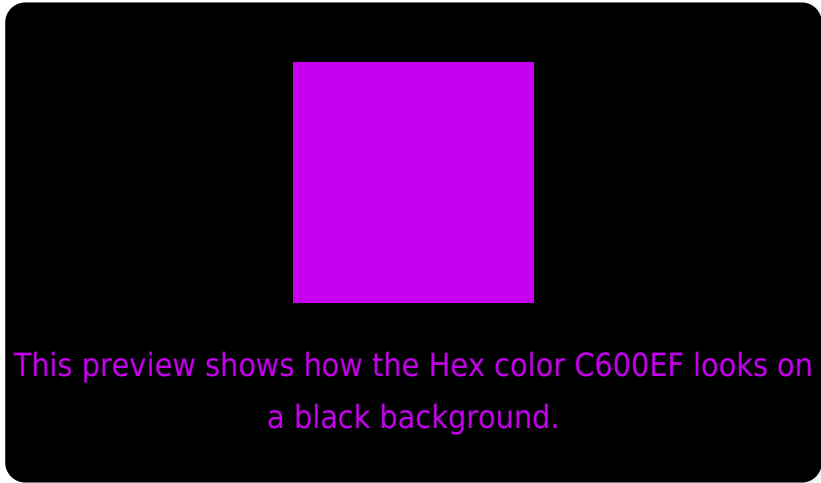
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

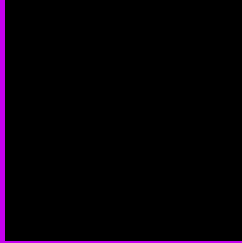
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C600EF Background



This preview shows how black text looks on a background with the Hex color C600EF.



This preview shows how white text looks on a background with the Hex color C600EF.

# 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**  
C600EF



**Protanomaly**  
484AF2



**Tritanomaly**  
BA3C97

# Monochromacy



**Original Color**  
C600EF



**Achromatopsia**  
565656



**Achromatomaly**  
7F378E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C600EF 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 #C600EF looks like.

```
.text, #text, p{  
    color:#C600EF  
}
```

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 #C600EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C600EF
}
```

## Border

The CSS property to change the border of an element to Hex C600EF 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
#C600EF }
```

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

```
.border{ border-color:#C600EF }
```

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

Here you see how a box with a 4 pixel #C600EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C600EF; -webkit-box-shadow:4px 4px  
4px 4px #C600EF; box-shadow:4px 4px 4px  
4px #C600EF }
```

# Background

The CSS property to change the background color of an element to Hex C600EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C600EF }
```

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

```
.background{ background-color:#C600EF }
```

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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