

Converting Colors

Hex(C010E0)

Have a look what the booklet for
Hex(C010E0) contains.

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Color

Hex(C010E0)

Conversions

Conversions Part 1

Format	Color
Hex	C010E0
RGB	192, 16, 224
RGB Percent	75%, 6%, 88%
CMY	0.2471, 0.9373, 0.1216
CMYK	0.14, 0.93, 0.00, 0.12
HSL	291°, 87%, 47%
HSV	291°, 93%, 88%
XYZ	35.3781, 16.9589, 71.9298
YIQ	92.3360, 38.1280, 102.0000

Conversions

Conversions Part 2

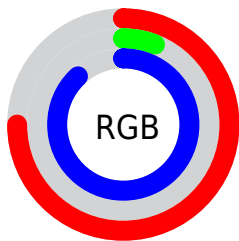
Format	Color
R _Y B	192, 16, 224
Decimal	12587232
CIE Lab	48.21, 82.91, -63.48
CIE LCh	48, 104.421, 322.559
Yxy	16.9589, 0.2847, 0.1365
Android (android.graphics.Color)	4290777312 (0xFFC010E0)
YUV	92.3360, 64.9104, 87.4053
Hunter-Lab	41.1811, 81.2795, -74.7331

Details

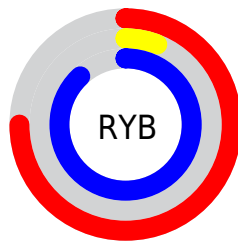
The Hex color **C010E0** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **30E010**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FD60FF**, and **8500A8** is the 20% darker color. If you saturate the color by 10%, you get **BE00E0**, and if you desaturate by 10%, it is **C326E0**.

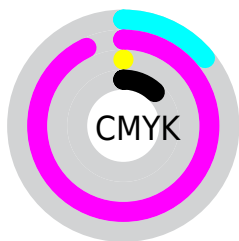
Distribution



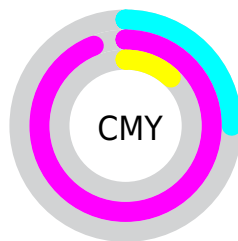
- Red (75%)
- Green (6%)
- Blue (88%)



- Red (75%)
- Yellow (6%)
- Blue (88%)



- Cyan (14%)
- Magenta (93%)
- Yellow (0%)
- Black (12%)



- Cyan (25%)
- Magenta (94%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color C010E0 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 C010E0 by changing the saturation by 10% instead.

 C010E0

 C010E0

FFFFFF

 A200C3

 FD60FF

 8500A8

 FF7EFF

 68008C

 FF9CFF

 4A0072

 FFB9FF

 2E0059

 FFD7FF

 040040

 FFF6FF

 000329

 000113

 000000

 C010E0

 C010E0

 BE00E0

 C326E0

 C73DE0

 CA53E0

 CE6AE0

 D180E0

 D596E0

 D8ADE0

 DCC3E0

 DFDAE0

Harmonies

Analogous

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



0066FF



C010E0



FB008D

Triad

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



C010E0



9E6800



0094B5

Complementary

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



C010E0



30E010

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.



009159



C010E0



498100

Square

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



C010E0



DB2F00



008D00



0092FF

Rectangle

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



C010E0



FF0053



008D00



009397

Sweetspot

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



C010E0



F4B8FF



1033E0



795480



000000



808080

Same Dimension

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



C010E0



D800FF



E0109B



6E6570



9500B0



290030

Inverse Universe

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



E01030



FF0027



10E055



706567



B0001B



300007

Previews

White Background



This preview shows how the Hex color C010E0 looks on a white background.

Color Contrast Check

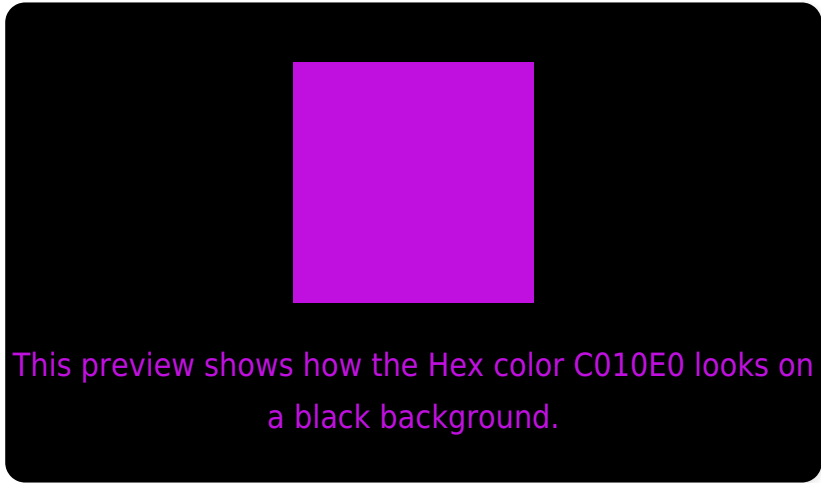
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex C010E0 Background



This preview shows how black text looks on a background with the Hex color C010E0.

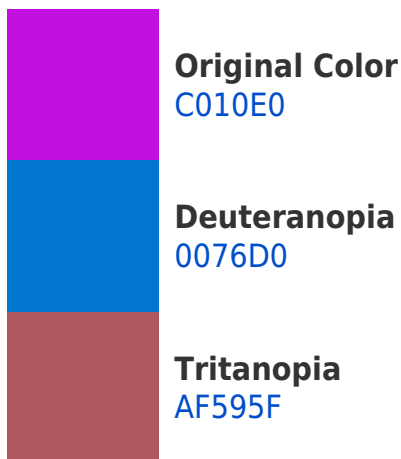


This preview shows how white text looks on a background with the Hex color C010E0.

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
C010E0



Deuteranomaly
4651D6

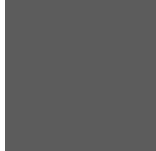


Tritanomaly
B53E8E

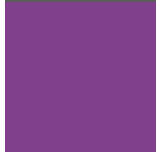
Monochromacy



Original Color
C010E0



Achromatopsia
5C5C5C



Achromatomaly
80408C

CSS Examples

Text

The CSS property to change the color of the text to Hex C010E0 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 #C010E0 looks like.

```
.text, #text, p{  
    color:#C010E0  
}
```

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 #C010E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C010E0
}
```

Border

The CSS property to change the border of an element to Hex C010E0 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
#C010E0 }
```

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

```
.border{ border-color:#C010E0 }
```

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

Here you see how a box with a 4 pixel #C010E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C010E0; -webkit-box-shadow:4px 4px  
4px 4px #C010E0; box-shadow:4px 4px 4px  
4px #C010E0 }
```

Background

The CSS property to change the background color of an element to Hex C010E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C010E0 }
```

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

```
.background{ background-color:#C010E0 }
```

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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