

Converting Colors

Hex(0C2CE7)

Have a look what the booklet for
Hex(0C2CE7) contains.

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Color

Hex(0C2CE7)

Conversions

Conversions Part 1

Format	Color
Hex	0C2CE7
RGB	12, 44, 231
RGB Percent	5%, 17%, 91%
CMY	0.9529, 0.8275, 0.0941
CMYK	0.95, 0.81, 0.00, 0.09
HSL	231°, 90%, 48%
HSV	231°, 95%, 91%
XYZ	15.4761, 7.6490, 76.2620
YIQ	55.7500, -79.0990, 51.3730

Conversions

Conversions Part 2

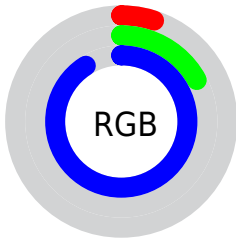
Format	Color
RYP	12, 40, 231
Decimal	797927
CIELab	33.24, 60.78, -92.72
CIElCh	33, 110.865, 303.249
Yxy	7.6490, 0.1557, 0.0770
Android (android.graphics.Color)	4278988007 (0xFF0C2CE7)
YUV	55.7500, 86.3983, -38.3687
Hunter-Lab	27.6569, 51.4845, -144.1283

Details

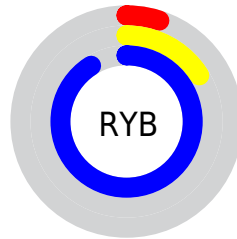
The Hex color **0C2CE7** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **E7C70C**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **725EFF**, and **0000AE** is the 20% darker color. If you saturate the color by 10%, you get **0022E7**, and if you desaturate by 10%, it is **2340E7**.

Distribution



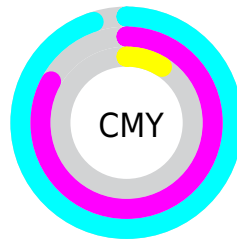
- Red (5%)
- Green (17%)
- Blue (91%)



- Red (5%)
- Yellow (16%)
- Blue (91%)



- Cyan (95%)
- Magenta (81%)
- Yellow (0%)
- Black (9%)



- Cyan (95%)
- Magenta (83%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C2CE7 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 0C2CE7 by changing the saturation by 10% instead.

 0C2CE7

 0C2CE7

FFFFFF

 0013CA

 725EF7

 0000AE

 9478FF

 000092

 B592FF

 000077

 D5ADFF

 000E5D

 F5C9FF

 000845

 FFE6FF

 00032D

 000118

 000000

■ 0C2CE7

■ 0C2CE7

■ 0022E7

■ 2340E7

■ 3A53E7

■ 5167E7

■ 687BE7

■ 7F8FE7

■ 97A2E7

■ AEB6E7

■ C5CAE7

■ DCDEE7

Harmonies

Analogous

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



005DFF



0C2CE7



B400A0

Triad

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



0C2CE7



9B1B00



006956

Complementary

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



0C2CE7



E7C70C

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.



006600



0C2CE7



584F00

Square

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



0C2CE7



C90000



006000



006BAF

Rectangle

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



0C2CE7



D20066



006000



006837

Sweetspot

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



0C2CE7



B8C2FF



0CE7C6



545A80



000000



808080

Same Dimension

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



0C2CE7



0025FF



590CE7



676973



001AB3



000733

Inverse Universe

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



E70C2C



FF0025



9AE70C



736769



B3001A



330007

Previews

White Background



This preview shows how the Hex color 0C2CE7 looks on a white background.

Color Contrast Check

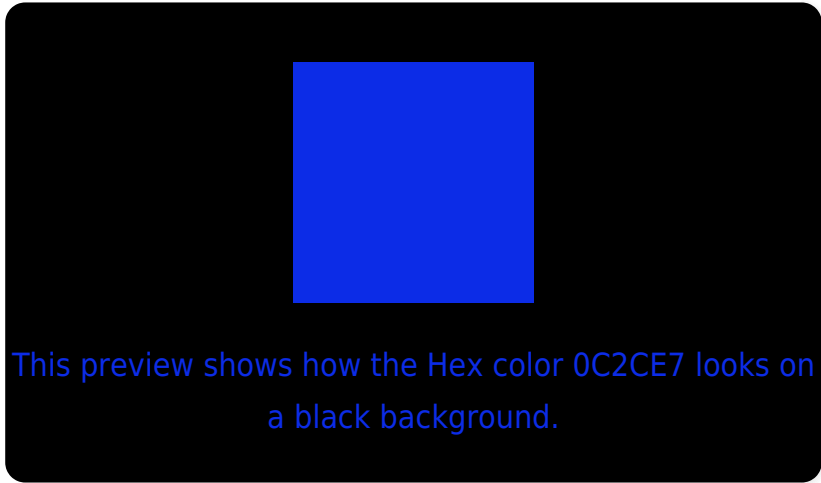
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

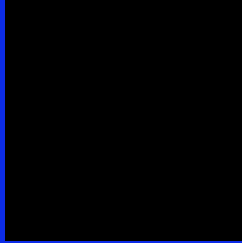
Any Text WCAG AA × Fail

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 0C2CE7 Background



This preview shows how black text looks on a background with the Hex color 0C2CE7.



This preview shows how white text looks on a background with the Hex color 0C2CE7.

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
0C2CE7

Protanomaly
0440B8

Tritanomaly
04478D

Monochromacy



Original Color
0C2CE7

Achromatopsia
383838

Achromatomaly
283478

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C2CE7 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 #0C2CE7 looks like.

```
.text, #text, p{  
    color:#0C2CE7  
}
```

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 #0C2CE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C2CE7
}
```

Border

The CSS property to change the border of an element to Hex 0C2CE7 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
#0C2CE7 }
```

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

```
.border{ border-color:#0C2CE7 }
```

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

Here you see how a box with a 4 pixel #0C2CE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C2CE7; -webkit-box-shadow:4px 4px  
4px 4px #0C2CE7; box-shadow:4px 4px 4px  
4px #0C2CE7 }
```

Background

The CSS property to change the background color of an element to Hex 0C2CE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C2CE7 }
```

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

```
.background{ background-color:#0C2CE7 }
```

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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