

Converting Colors

Hex(0711E2)

Have a look what the booklet for
Hex(0711E2) contains.

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Color

Hex(0711E2)

Conversions

Conversions Part 1

Format	Color
Hex	0711E2
RGB	7, 17, 226
RGB Percent	3%, 7%, 89%
CMY	0.9725, 0.9333, 0.1137
CMYK	0.97, 0.92, 0.00, 0.11
HSL	237°, 94%, 46%
HSV	237°, 97%, 89%
XYZ	14.0155, 5.9371, 72.3588
YIQ	37.8360, -73.0490, 62.8790

Conversions

Conversions Part 2

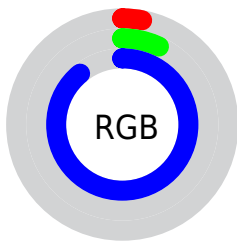
Format	Color
RYB	7, 17, 226
Decimal	463330
CIELab	29.25, 69.10, -96.51
CIELCh	29, 118.696, 305.602
Yxy	5.9371, 0.1518, 0.0643
Android (android.graphics.Color)	4278653410 (0xFF0711E2)
YUV	37.8360, 92.7649, -27.0432
Hunter-Lab	24.3661, 60.0338, -159.0144

Details

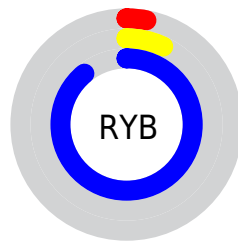
The Hex color **0711E2** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **E2D807**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **714AFF**, and **0000A9** is the 20% darker color. If you saturate the color by 10%, you get **000AE2**, and if you desaturate by 10%, it is **1E27E2**.

Distribution



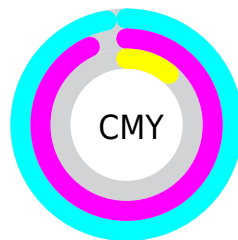
- Red (3%)
- Green (7%)
- Blue (89%)



- Red (3%)
- Yellow (7%)
- Blue (89%)



- Cyan (97%)
- Magenta (92%)
- Yellow (0%)
- Black (11%)



- Cyan (97%)
- Magenta (93%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0711E2 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 0711E2 by changing the saturation by 10% instead.

0711E2

0711E2

FFFFFF

0000C5

714AFF

0000A9

9464FF

00008D

B57FFF

000472

D59BFF

000D59

F5B6FF

000740

FFD3FF

000329

FFF0FF

000113

000000

■ 0711E2

■ 0711E2

■ 000AE2

■ 1E27E2

■ 343CE2

■ 4B52E2

■ 6167E2

■ 787DE2

■ 8F92E2

■ A5A8E2

■ BCBEE2

■ D2D3E2

Harmonies

Analogous

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



0054FF



0711E2



B40094

Triad

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



0711E2



8D0E00



005F55

Complementary

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



0711E2



E2D807

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.



005C00



0711E2



464900

Square

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



0711E2



BF0000



005800



0062B2

Rectangle

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



0711E2



CF0057



005800



005E35

Sweetspot

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



0711E2



B5B8FF



07E2D7



535580



000000



808080

Same Dimension

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



0711E2



000CFF



6A07E2



656570



0008B0



000230

Inverse Universe

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



E20711



FF000C



7FE207



706565



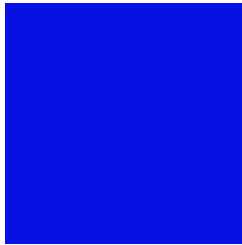
B00008



300002

Previews

White Background



This preview shows how the Hex color 0711E2 looks on a white background.

Color Contrast Check

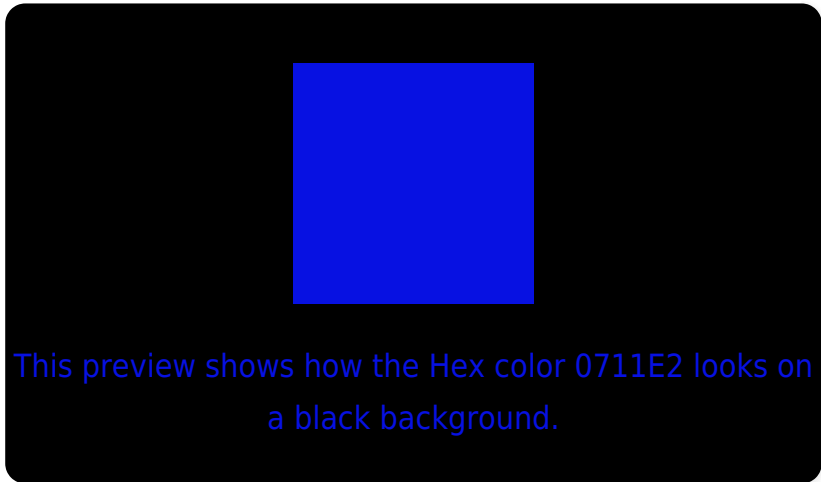
Large Text (above 18pt) WCAG AA ✓ Pass

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

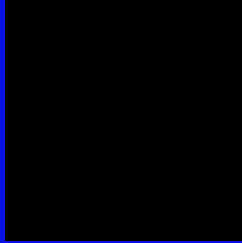
Any Text WCAG AA × Fail

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 0711E2 Background



This preview shows how black text looks on a background with the Hex color 0711E2.



This preview shows how white text looks on a background with the Hex color 0711E2.

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
0711E2

Protanomaly
0331AC

Deuteranomaly
03349E

Tritanomaly
033786

Monochromacy



Original Color
0711E2

Achromatopsia
262626

Achromatomaly
1B1E6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0711E2 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 #0711E2 looks like.

```
.text, #text, p{  
    color:#0711E2  
}
```

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 #0711E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0711E2
}
```

Border

The CSS property to change the border of an element to Hex 0711E2 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
#0711E2 }
```

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

```
.border{ border-color:#0711E2 }
```

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

Here you see how a box with a 4 pixel #0711E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0711E2; -webkit-box-shadow:4px 4px  
4px 4px #0711E2; box-shadow:4px 4px 4px  
4px #0711E2 }
```

Background

The CSS property to change the background color of an element to Hex 0711E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0711E2 }
```

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

```
.background{ background-color:#0711E2 }
```

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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