

Converting Colors

Hex(0C40E5)

Have a look what the booklet for
Hex(0C40E5) contains.

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Color

Hex(0C40E5)

Conversions

Conversions Part 1

Format	Color
Hex	0C40E5
RGB	12, 64, 229
RGB Percent	5%, 25%, 90%
CMY	0.9529, 0.7490, 0.1020
CMYK	0.95, 0.72, 0.00, 0.10
HSL	226°, 90%, 47%
HSV	226°, 95%, 90%
XYZ	16.1279, 9.4021, 75.0935
YIQ	67.2620, -83.9570, 40.2910

Conversions

Conversions Part 2

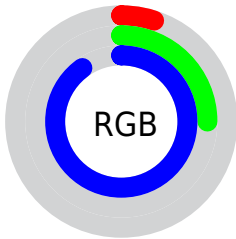
Format	Color
R _Y B	12, 54, 229
Decimal	803045
CIE Lab	36.75, 49.45, -85.76
CIE LCh	37, 98.996, 299.969
Yxy	9.4021, 0.1603, 0.0934
Android (android.graphics.Color)	4278993125 (0xFF0C40E5)
YUV	67.2620, 79.7368, -48.4648
Hunter-Lab	30.6628, 40.2265, -123.7376

Details

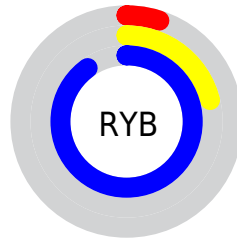
The Hex color **0C40E5** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **E5B10C**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **6F70FF**, and **0015AC** is the 20% darker color. If you saturate the color by 10%, you get **0037E5**, and if you desaturate by 10%, it is **2351E5**.

Distribution



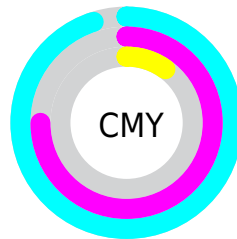
- Red (5%)
- Green (25%)
- Blue (90%)



- Red (5%)
- Yellow (21%)
- Blue (90%)



- Cyan (95%)
- Magenta (72%)
- Yellow (0%)
- Black (10%)



- Cyan (95%)
- Magenta (75%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C40E5 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 0C40E5 by changing the saturation by 10% instead.

 0C40E5

 0C40E5

FFFFFF

 002AC8

 6F70FF

 0015AC

 918AFF

 000590

 B1A5FF

 000076

 D1C0FF

 000D5C

 F1DCFF

 000743

 FFF9FF

 00032C

 000116

 000000

■ 0C40E5

■ 0C40E5

■ 0037E5

■ 2351E5

■ 3A63E5

■ 5174E5

■ 6886E5

■ 7E97E5

■ 95A8E5

■ ACBAE5

■ C3CBE5

■ DADDE5

Harmonies

Analogous

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



0064FC



0C40E5



AE00A8

Triad

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



0C40E5



A52700



007154

Complementary

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



0C40E5



E5B10C

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.



006E00



0C40E5



6A5400

Square

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



0C40E5



CC000D



006700



0073A6

Rectangle

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



0C40E5



CE0075



006700



007038

Sweetspot

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



0C40E5



B8C9FF



0CE5AF



545F80



000000



808080

Same Dimension

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



0C40E5



003DFF



420CE5



676A73



002BB3



000C33

Inverse Universe

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



E50C40



FF003D



AFE50C



73676A



B3002B



33000C

Previews

White Background



This preview shows how the Hex color 0C40E5 looks on a white background.

Color Contrast Check

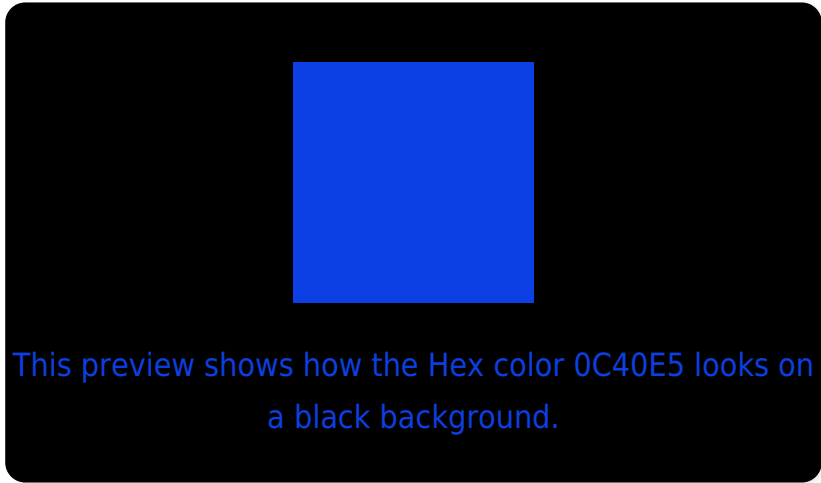
Large Text (above 18pt) WCAG AA ✓ Pass

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

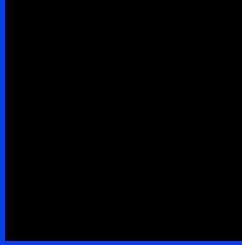
Any Text WCAG AA × Fail

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 0C40E5 Background



This preview shows how black text looks on a background with the Hex color 0C40E5.



This preview shows how white text looks on a background with the Hex color 0C40E5.

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





Tritanopia
005F64

Trichromacy



Original Color
0C40E5

Protanomaly
044CC2

Deuteranomaly
044FB1

Tritanomaly
045493

Monochromacy



Original Color
0C40E5

Achromatopsia
434343

Achromatomaly
2F427E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C40E5 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 #0C40E5 looks like.

```
.text, #text, p{  
    color:#0C40E5  
}
```

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 #0C40E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C40E5
}
```

Border

The CSS property to change the border of an element to Hex 0C40E5 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
#0C40E5 }
```

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

```
.border{ border-color:#0C40E5 }
```

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

Here you see how a box with a 4 pixel #0C40E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C40E5; -webkit-box-shadow:4px 4px  
4px 4px #0C40E5; box-shadow:4px 4px 4px  
4px #0C40E5 }
```

Background

The CSS property to change the background color of an element to Hex 0C40E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C40E5 }
```

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

```
.background{ background-color:#0C40E5 }
```

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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