

Converting Colors

Hex(0B46D7)

Have a look what the booklet for
Hex(0B46D7) contains.

Hex(0B46D7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0B46D7)

Conversions

Conversions Part 1

Format	Color
Hex	0B46D7
RGB	11, 70, 215
RGB Percent	4%, 27%, 84%
CMY	0.9569, 0.7255, 0.1569
CMYK	0.95, 0.67, 0.00, 0.16
HSL	223°, 90%, 44%
HSV	223°, 95%, 84%
XYZ	14.5939, 9.3578, 65.3270
YIQ	68.8890, -81.7090, 32.5870

Conversions

Conversions Part 2

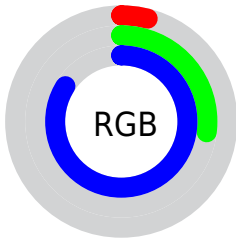
Format	Color
RYB	11, 57, 215
Decimal	739031
CIELab	36.66, 40.74, -77.88
CIELCh	37, 87.896, 297.613
Yxy	9.3578, 0.1635, 0.1048
Android (android.graphics.Color)	4278929111 (0xFF0B46D7)
YUV	68.8890, 72.0327, -50.7687
Hunter-Lab	30.5905, 31.6244, -105.2026

Details

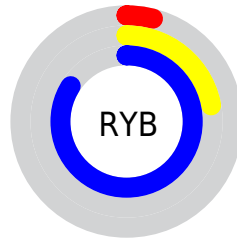
The Hex color **0B46D7** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **D79C0B**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6B76FF**, and **001C9F** is the 20% darker color. If you saturate the color by 10%, you get **003ED7**, and if you desaturate by 10%, it is **2155D7**.

Distribution



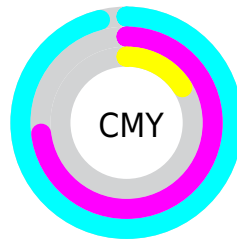
- Red (4%)
- Green (27%)
- Blue (84%)



- Red (4%)
- Yellow (22%)
- Blue (84%)



- Cyan (95%)
- Magenta (67%)
- Yellow (0%)
- Black (16%)



- Cyan (96%)
- Magenta (73%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B46D7 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 0B46D7 by changing the saturation by 10% instead.

 0B46D7

 0B46D7

FFFFFF

 0030BB

 6B76FF

 001C9F

 8B90FF

 000B84

 ABAAFF

 00006A

 CAC6FF

 000A50

 E9E2FF

 000538

FFFEFF

 000222

 000008

 000000

■ 0B46D7

■ 0B46D7

■ 003ED7

■ 2155D7

■ 3665D7

■ 4C74D7

■ 6183D7

■ 7692D7

■ 8CA2D7

■ A2B1D7

■ B7C0D7

■ CDD0D7

Harmonies

Analogous

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



0063E8



0B46D7



A000A4

Triad

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



0B46D7



A22B00



006F4F

Complementary

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



0B46D7



D79C0B

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.



006C00



0B46D7



6F5200

Square

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



0B46D7



C3001B



216400



007197

Rectangle

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



0B46D7



BF0077



216400



006E35

Sweetspot

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



0B46D7



B8CCFF



0BD79A



546180



000000



808080

Same Dimension

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



0B46D7



004AFF



340BD7



60636B



0031AB



000D2B

Inverse Universe

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



D70B46



FF004A



AED70B



6B6063



AB0031



2B000D

Previews

White Background



This preview shows how the Hex color 0B46D7 looks on a white background.

Color Contrast Check

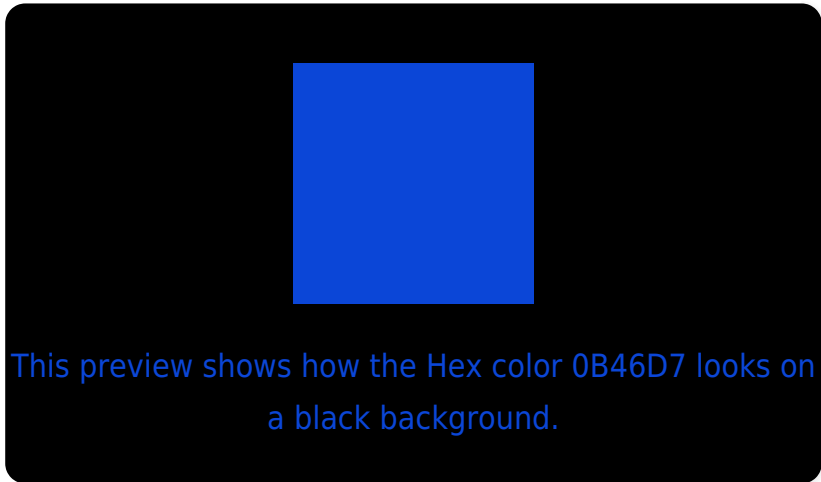
Large Text (above 18pt) WCAG AA ✓ Pass

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

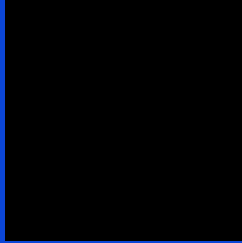
Any Text WCAG AA × Fail

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 0B46D7 Background



This preview shows how black text looks on a background with the Hex color 0B46D7.

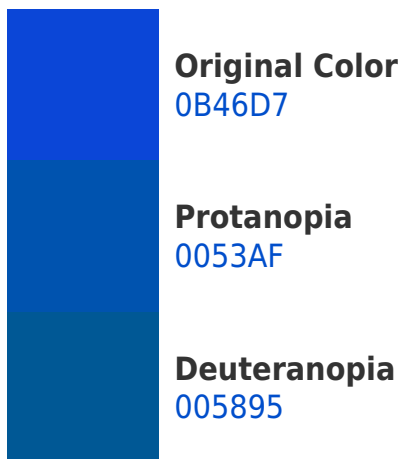


This preview shows how white text looks on a background with the Hex color 0B46D7.

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
005F65

Trichromacy



Original Color
0B46D7

Protanomaly
044EBE

Deuteranomaly
0451AD

Tritanomaly
04568E

Monochromacy



Original Color
0B46D7

Achromatopsia
454545

Achromatomaly
30457A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B46D7 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 #0B46D7 looks like.

```
.text, #text, p{  
    color:#0B46D7  
}
```

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 #0B46D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B46D7
}
```

Border

The CSS property to change the border of an element to Hex 0B46D7 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
#0B46D7 }
```

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

```
.border{ border-color:#0B46D7 }
```

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

Here you see how a box with a 4 pixel #0B46D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B46D7; -webkit-box-shadow:4px 4px  
4px 4px #0B46D7; box-shadow:4px 4px 4px  
4px #0B46D7 }
```

Background

The CSS property to change the background color of an element to Hex 0B46D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B46D7 }
```

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

```
.background{ background-color:#0B46D7 }
```

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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