

Converting Colors

Hex(0B4DE5)

Have a look what the booklet for
Hex(0B4DE5) contains.

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Color

Hex(0B4DE5)

Conversions

Conversions Part 1

Format	Color
Hex	0B4DE5
RGB	11, 77, 229
RGB Percent	4%, 30%, 90%
CMY	0.9569, 0.6980, 0.1020
CMYK	0.95, 0.66, 0.00, 0.10
HSL	222°, 91%, 47%
HSV	222°, 95%, 90%
XYZ	16.9347, 11.0360, 75.3664
YIQ	74.5940, -88.1280, 33.2800

Conversions

Conversions Part 2

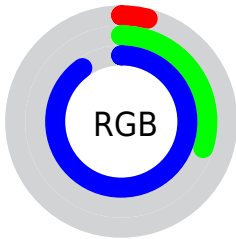
Format	Color
R _Y B	11, 62, 229
Decimal	740837
CIE Lab	39.64, 41.52, -80.98
CIE LCh	40, 91.007, 297.144
Yxy	11.0360, 0.1639, 0.1068
Android (android.graphics.Color)	4278930917 (0xFF0B4DE5)
YUV	74.5940, 76.1222, -55.7719
Hunter-Lab	33.2205, 32.8575, -111.2549

Details

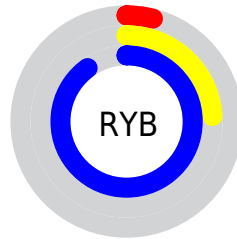
The Hex color **0B4DE5** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **E5A30B**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **6E7EFF**, and **0022AC** is the 20% darker color. If you saturate the color by 10%, you get **0045E5**, and if you desaturate by 10%, it is **225DE5**.

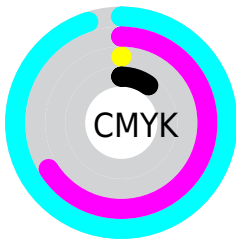
Distribution



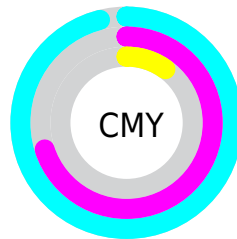
- Red (4%)
- Green (30%)
- Blue (90%)



- Red (4%)
- Yellow (24%)
- Blue (90%)



- Cyan (95%)
- Magenta (66%)
- Yellow (0%)
- Black (10%)



- Cyan (96%)
- Magenta (70%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B4DE5 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 0B4DE5 by changing the saturation by 10% instead.

■ 0B4DE5

■ 0B4DE5

FFFFFF

■ 0037C8

■ 6E7EFF

■ 0022AC

■ 9098FF

■ 001191

■ B0B2FF

■ 000076

■ CFCEFF

■ 000E5C

■ EFEAFF

■ 000744

■ 00032C

■ 000117

■ 000000

■ 0B4DE5

■ 0B4DE5

■ 0045E5

■ 225DE5

■ 396DE5

■ 507DE5

■ 678DE5

■ 7E9DE5

■ 94ADE5

■ ABBDE5

■ C2CDE5

■ D9DDE5

Harmonies

Analogous

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



006BF6



0B4DE5



AA00B0

Triad

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



0B4DE5



AF2F00



007854

Complementary

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



0B4DE5



E5A30B

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.



007400



0B4DE5



795900

Square

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



0B4DE5



D00020



296C00



0079A0

Rectangle

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



0B4DE5



CB0081



296C00



007739

Sweetspot

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



0B4DE5



B5CBFF



0BE5A0



536080



000000



808080

Same Dimension

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



0B4DE5



004DFF



330BE5



676B73



0036B3



000F33

Inverse Universe

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



E50B4D



FF004D



BDE50B



73676B



B30036



33000F

Previews

White Background



This preview shows how the Hex color 0B4DE5 looks on a white background.

Color Contrast Check

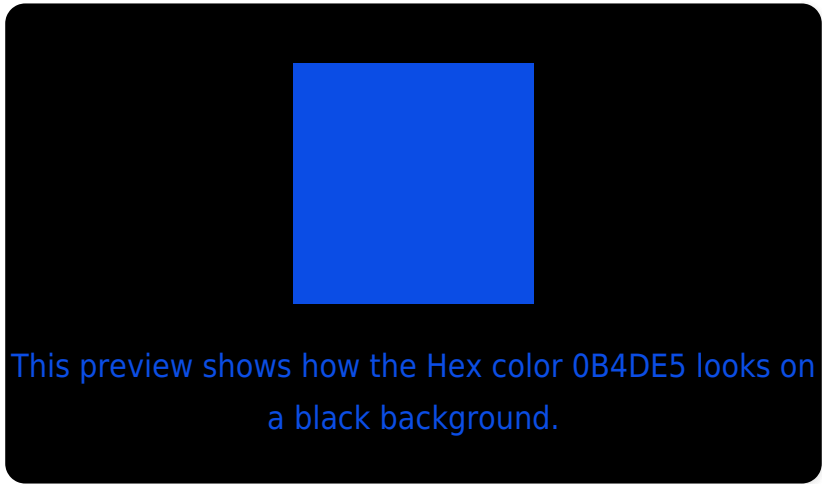
Large Text (above 18pt) WCAG AA ✓ Pass

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

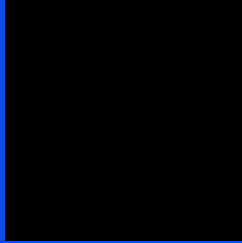
Any Text WCAG AA × Fail

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 0B4DE5 Background



This preview shows how black text looks on a background with the Hex color 0B4DE5.



This preview shows how white text looks on a background with the Hex color 0B4DE5.

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



Original Color
0B4DE5

Protanopia
0059BD

Deuteranopia
005FA1



Tritanopia
00676D

Trichromacy



Original Color
0B4DE5

Protanomaly
0455CC

Deuteranomaly
0458BA

Tritanomaly
045E99

Monochromacy



Original Color
0B4DE5

Achromatopsia
4B4B4B

Achromatomaly
344C83

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B4DE5 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 #0B4DE5 looks like.

```
.text, #text, p{  
    color:#0B4DE5  
}
```

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 #0B4DE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B4DE5
}
```

Border

The CSS property to change the border of an element to Hex 0B4DE5 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
#0B4DE5 }
```

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

```
.border{ border-color:#0B4DE5 }
```

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

Here you see how a box with a 4 pixel #0B4DE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B4DE5; -webkit-box-shadow:4px 4px  
4px 4px #0B4DE5; box-shadow:4px 4px 4px  
4px #0B4DE5 }
```

Background

The CSS property to change the background color of an element to Hex 0B4DE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B4DE5 }
```

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

```
.background{ background-color:#0B4DE5 }
```

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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