

Converting Colors

Hex(0E50B4)

Have a look what the booklet for
Hex(0E50B4) contains.

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Color

Hex(0E50B4)

Conversions

Conversions Part 1

Format	Color
Hex	0E50B4
RGB	14, 80, 180
RGB Percent	5%, 31%, 71%
CMY	0.9451, 0.6863, 0.2941
CMYK	0.92, 0.56, 0.00, 0.29
HSL	216°, 86%, 38%
HSV	216°, 92%, 71%
XYZ	11.2880, 9.1260, 44.3466
YIQ	71.6660, -71.4360, 17.1080

Conversions

Conversions Part 2

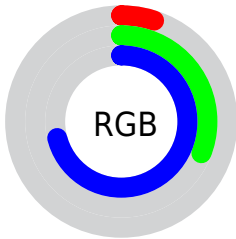
Format	Color
R_{YB}	14, 61, 180
Decimal	938164
CIE _{Lab}	36.23, 20.66, -58.21
CIE _{LCh}	36, 61.764, 289.542
Yxy	9.1260, 0.1743, 0.1409
Android (android.graphics.Color)	4279128244 (0xFF0E50B4)
YUV	71.6660, 53.4087, -50.5731
Hunter-Lab	30.2092, 13.8322, -65.8901

Details

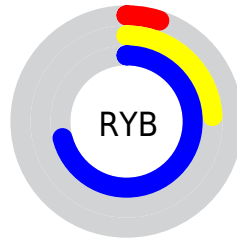
The Hex color **0E50B4** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B4720E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6081ED**, and **00257E** is the 20% darker color. If you saturate the color by 10%, you get **0048B4**, and if you desaturate by 10%, it is **205BB4**.

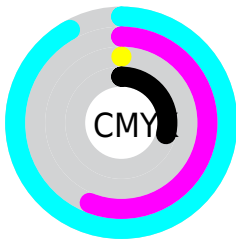
Distribution



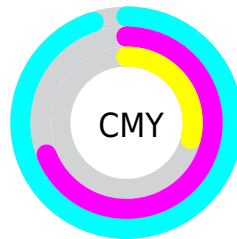
- Red (5%)
- Green (31%)
- Blue (71%)



- Red (5%)
- Yellow (24%)
- Blue (71%)



- Cyan (92%)
- Magenta (56%)
- Yellow (0%)
- Black (29%)



- Cyan (95%)
- Magenta (69%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E50B4 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 0E50B4 by changing the saturation by 10% instead.

 0E50B4

 0E50B4

FFFFFF

 003A99

 6081ED

 00257E

 7E9AFF

 001364

 9CB5FF

 00064C

 BAD0FF

 000434

 D8EDFF

 00021E

 F6FFFF

 000000

 0E50B4

 0E50B4

 0048B4

 205BB4

 3266B4

 4471B4

 567BB4

 6886B4

 7A91B4

 8C9CB4

 9EA7B4

 B0B2B4

Harmonies

Analogous

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



0061B8



0E50B4



7D3596

Triad

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



0E50B4



983403



006942

Complementary

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



0E50B4



B4720E

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.



006506



0E50B4



774D00

Square

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



0E50B4



A91138



4A5D00



006A75

Rectangle

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



0E50B4



9A1D79



4A5D00



006830

Sweetspot

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



0E50B4



A9C3EB



0EB472



4D5D75



F5F5F5



757575

Same Dimension

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



0E50B4



005DEB



1F0EB4



505459



003D99



000A1A

Inverse Universe

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



B40E50



EB005D



A3B40E



595054



99003D



1A000A

Previews

White Background



This preview shows how the Hex color 0E50B4 looks on a white background.

Color Contrast Check

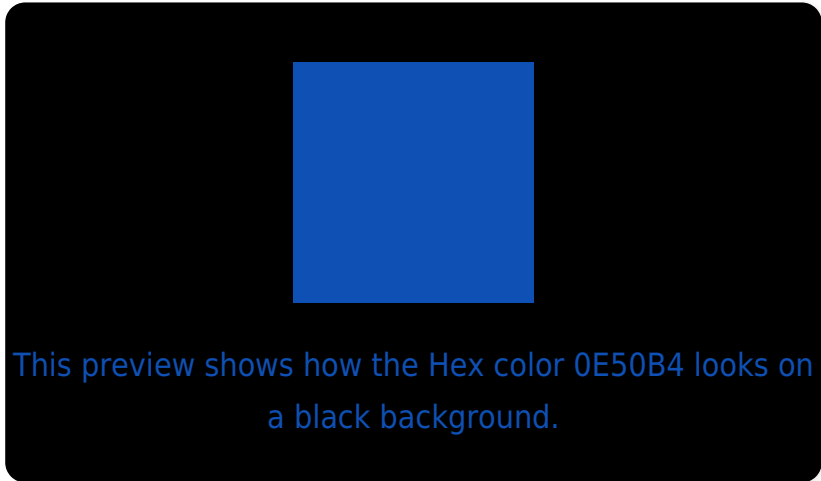
Large Text (above 18pt) WCAG AA ✓ Pass

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 0E50B4 Background



This preview shows how black text looks on a background with the Hex color 0E50B4.



This preview shows how white text looks on a background with the Hex color 0E50B4.

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
0E50B4

Protanopia
0052AE

Deuteranopia
005796



Tritanopia
005E64

Trichromacy



Original Color
0E50B4

Protanomaly
0551B0

Deuteranomaly
0554A1

Tritanomaly
055981

Monochromacy



Original Color
0E50B4

Achromatopsia
484848

Achromatomaly
334B6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E50B4 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 #0E50B4 looks like.

```
.text, #text, p{  
    color:#0E50B4  
}
```

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 #0E50B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E50B4
}
```

Border

The CSS property to change the border of an element to Hex 0E50B4 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
#0E50B4 }
```

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

```
.border{ border-color:#0E50B4 }
```

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

Here you see how a box with a 4 pixel #0E50B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E50B4; -webkit-box-shadow:4px 4px  
4px 4px #0E50B4; box-shadow:4px 4px 4px  
4px #0E50B4 }
```

Background

The CSS property to change the background color of an element to Hex 0E50B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E50B4 }
```

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

```
.background{ background-color:#0E50B4 }
```

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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