

Converting Colors

Hex(0E3CBE)

Have a look what the booklet for
Hex(0E3CBE) contains.

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Color

Hex(0E3CBE)

Conversions

Conversions Part 1

Format	Color
Hex	0E3CBE
RGB	14, 60, 190
RGB Percent	5%, 24%, 75%
CMY	0.9451, 0.7647, 0.2549
CMYK	0.93, 0.68, 0.00, 0.25
HSL	224°, 86%, 40%
HSV	224°, 93%, 75%
XYZ	11.0912, 7.0428, 49.4900
YIQ	61.0660, -69.1460, 30.6780

Conversions

Conversions Part 2

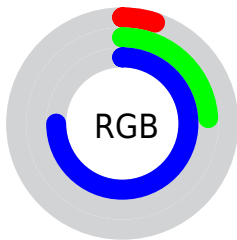
Format	Color
R_{YB}	14, 50, 190
Decimal	933054
CIE _{Lab}	31.90, 37.85, -71.18
CIE _{LCh}	32, 80.619, 298.002
Yxy	7.0428, 0.1640, 0.1041
Android (android.graphics.Color)	4279123134 (0xFF0E3CBE)
YUV	61.0660, 63.5645, -41.2769
Hunter-Lab	26.5382, 28.1592, -91.9906

Details

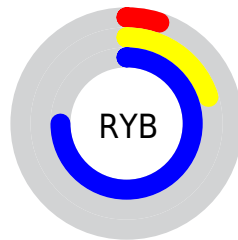
The Hex color **0E3CBE** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **BE900E**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **646BF7**, and **001387** is the 20% darker color. If you saturate the color by 10%, you get **0032BE**, and if you desaturate by 10%, it is **214ABE**.

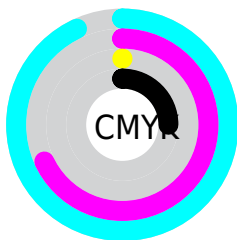
Distribution



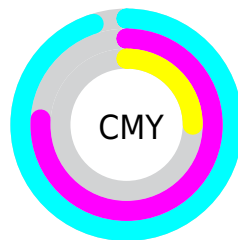
- Red (5%)
- Green (24%)
- Blue (75%)



- Red (5%)
- Yellow (20%)
- Blue (75%)



- Cyan (93%)
- Magenta (68%)
- Yellow (0%)
- Black (25%)



- Cyan (95%)
- Magenta (76%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E3CBE 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 0E3CBE by changing the saturation by 10% instead.

■ 0E3CBE

■ 0E3CBE

FFFFFF

■ 0026A2

■ 646BF7

■ 001387

■ 8485FF

■ 00006D

■ A39FFF

■ 000954

■ C1BAFF

■ 00063B

■ E0D5FF

■ 000225

■ FEF2FF

■ 00010D

■ 000000

■ 0E3CBE

■ 0E3CBE

■ 0032BE

■ 214ABE

■ 3458BE

■ 4766BE

■ 5A74BE

■ 6D82BE

■ 8090BE

■ 939EBE

■ A6ACBE

■ B9BABE

Harmonies

Analogous

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



0057CE



0E3CBE



8E0090

Triad

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



0E3CBE



8F2500



006145

Complementary

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



0E3CBE



BE900E

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.



005E00



0E3CBE



604800

Square

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



0E3CBE



AC0015



195800



006386

Rectangle

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



0E3CBE



A90067



195800



00612E

Sweetspot

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



0E3CBE



B2C4F7



0EBE8F



525E7D



FCFCFC



7D7D7D

Same Dimension

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



0E3CBE



0041F7



370EBE



55575E



00299E



00081F

Inverse Universe

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



BE0E3C



F70041



95BE0E



5E5557



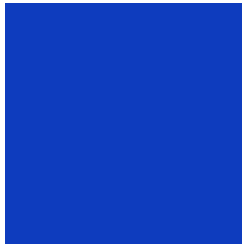
9E0029



1F0008

Previews

White Background



This preview shows how the Hex color 0E3CBE looks on a white background.

Color Contrast Check

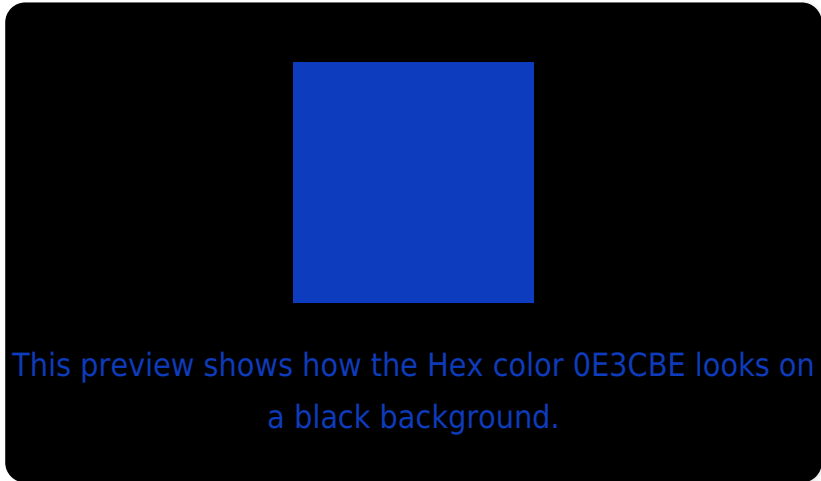
Large Text (above 18pt) WCAG AA ✓ Pass

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

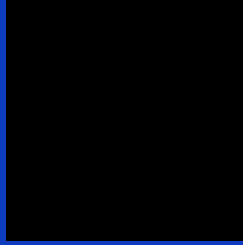
Any Text WCAG AA × Fail

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 0E3CBE Background



This preview shows how black text looks on a background with the Hex color 0E3CBE.



This preview shows how white text looks on a background with the Hex color 0E3CBE.

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
0E3CBE

Protanopia
004898

Deuteranopia
004D82

Trichromacy



Original Color
0E3CBE

Protanomaly
0544A6

Deuteranomaly
054798

Tritanomaly
054B7D

Monochromacy



Original Color
0E3CBE

Achromatopsia
3D3D3D

Achromatomaly
2C3D6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E3CBE 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 #0E3CBE looks like.

```
.text, #text, p{  
    color:#0E3CBE  
}
```

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 #0E3CBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E3CBE
}
```

Border

The CSS property to change the border of an element to Hex 0E3CBE 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
#0E3CBE }
```

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

```
.border{ border-color:#0E3CBE }
```

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

Here you see how a box with a 4 pixel #0E3CBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E3CBE; -webkit-box-shadow:4px 4px  
4px 4px #0E3CBE; box-shadow:4px 4px 4px  
4px #0E3CBE }
```

Background

The CSS property to change the background color of an element to Hex 0E3CBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E3CBE }
```

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

```
.background{ background-color:#0E3CBE }
```

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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