

Converting Colors

Hex(0E3AC9)

Have a look what the booklet for
Hex(0E3AC9) contains.

Hex(0E3AC9)	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(0E3AC9)

Conversions

Conversions Part 1

Format	Color
Hex	0E3AC9
RGB	14, 58, 201
RGB Percent	5%, 23%, 79%
CMY	0.9451, 0.7725, 0.2118
CMYK	0.93, 0.71, 0.00, 0.21
HSL	226°, 87%, 42%
HSV	226°, 93%, 79%
XYZ	12.2368, 7.3365, 56.0295
YIQ	61.1460, -72.1270, 35.1450

Conversions

Conversions Part 2

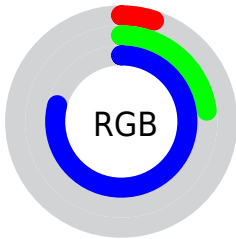
Format	Color
RYB	14, 50, 201
Decimal	932553
CIELab	32.56, 43.16, -76.54
CIELCh	33, 87.871, 299.415
Yxy	7.3365, 0.1619, 0.0970
Android (android.graphics.Color)	4279122633 (0xFF0E3AC9)
YUV	61.1460, 68.9480, -41.3470
Hunter-Lab	27.0860, 33.2413, -103.6857

Details

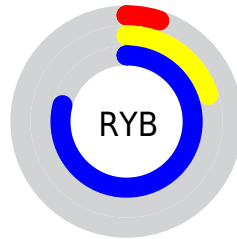
The Hex color **0E3AC9** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C99D0E**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **686AFF**, and **001091** is the 20% darker color. If you saturate the color by 10%, you get **002FC9**, and if you desaturate by 10%, it is **2249C9**.

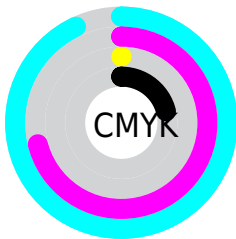
Distribution



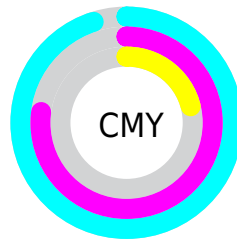
- Red (5%)
- Green (23%)
- Blue (79%)



- Red (5%)
- Yellow (20%)
- Blue (79%)



- Cyan (93%)
- Magenta (71%)
- Yellow (0%)
- Black (21%)



- Cyan (95%)
- Magenta (77%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E3AC9 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 0E3AC9 by changing the saturation by 10% instead.

■ 0E3AC9

■ 0E3AC9

FFFFFF

■ 0024AD

■ 686AFF

■ 001091

■ 8883FF

■ 000077

■ A79DFF

■ 00065D

■ C6B8FF

■ 000844

■ E5D4FF

■ 00032D

■ FFF0FF

■ 000118

■ 000000

■ 0E3AC9

■ 0E3AC9

■ 002FC9

■ 2249C9

■ 3659C9

■ 4A68C9

■ 5E77C9

■ 7287C9

■ 8796C9

■ 9BA6C9

■ AFB5C9

■ C3C4C9

Harmonies

Analogous

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



0059DC



0E3AC9



980095

Triad

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



0E3AC9



932300



006449

Complementary

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



0E3AC9



C99D0E

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.



006100



0E3AC9



604A00

Square

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



0E3AC9



B4000E



015B00



006690

Rectangle

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



0E3AC9



B40068



015B00



006331

Sweetspot

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



0E3AC9



B8C8FF



0EC99A



545E80



000000



808080

Same Dimension

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



0E3AC9



003CFF



3D0EC9



5A5C63



0026A3



000824

Inverse Universe

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



C90E3A



FF003C



9AC90E



635A5C



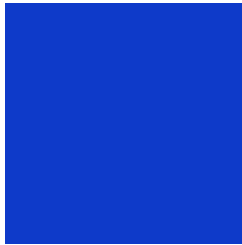
A30026



240008

Previews

White Background



This preview shows how the Hex color 0E3AC9 looks on a white background.

Color Contrast Check

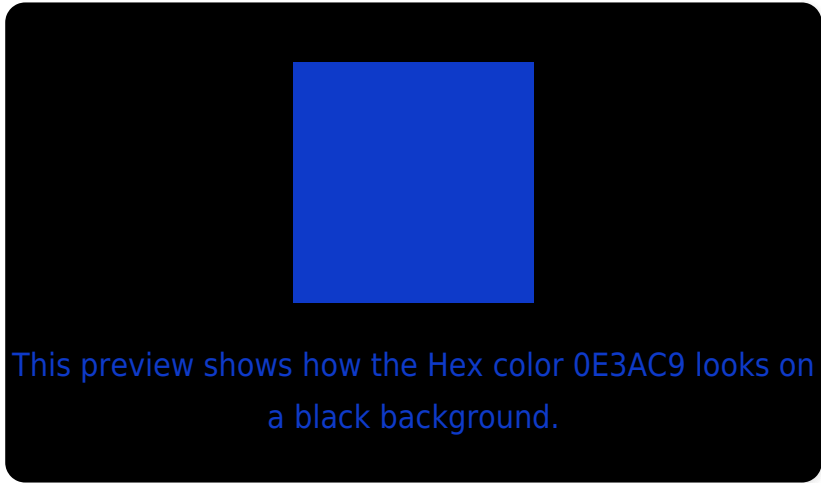
Large Text (above 18pt) WCAG AA ✓ Pass

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

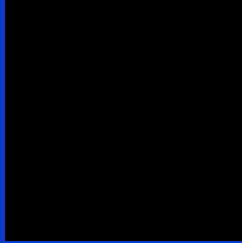
Any Text WCAG AA × Fail

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 0E3AC9 Background



This preview shows how black text looks on a background with the Hex color 0E3AC9.



This preview shows how white text looks on a background with the Hex color 0E3AC9.

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
0E3AC9

Protanopia
004A9B

Deuteranopia
004F84



Tritanopia
005559

Trichromacy



Original Color
0E3AC9

Protanomaly
0544AC

Deuteranomaly
05479D

Tritanomaly
054B82

Monochromacy



Original Color
0E3AC9

Achromatopsia
3D3D3D

Achromatomaly
2C3C70

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E3AC9 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 #0E3AC9 looks like.

```
.text, #text, p{  
    color:#0E3AC9  
}
```

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 #0E3AC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E3AC9
}
```

Border

The CSS property to change the border of an element to Hex 0E3AC9 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
#0E3AC9 }
```

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

```
.border{ border-color:#0E3AC9 }
```

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

Here you see how a box with a 4 pixel #0E3AC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E3AC9; -webkit-box-shadow:4px 4px  
4px 4px #0E3AC9; box-shadow:4px 4px 4px  
4px #0E3AC9 }
```

Background

The CSS property to change the background color of an element to Hex 0E3AC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E3AC9 }
```

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

```
.background{ background-color:#0E3AC9 }
```

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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