

Converting Colors

Hex(0E31B8)

Have a look what the booklet for
Hex(0E31B8) contains.

Hex(0E31B8)	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(0E31B8)

Conversions

Conversions Part 1

Format	Color
Hex	0E31B8
RGB	14, 49, 184
RGB Percent	5%, 19%, 72%
CMY	0.9451, 0.8078, 0.2784
CMYK	0.92, 0.73, 0.00, 0.28
HSL	228°, 86%, 39%
HSV	228°, 92%, 72%
XYZ	9.9311, 5.7507, 45.9340
YIQ	53.9250, -64.1950, 34.5650

Conversions

Conversions Part 2

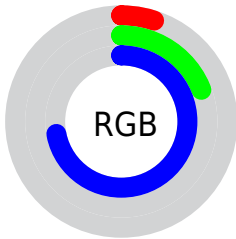
Format	Color
R_{YB}	14, 43, 184
Decimal	930232
CIE _{Lab}	28.77, 42.51, -72.80
CIE _{LCh}	29, 84.302, 300.279
Yxy	5.7507, 0.1612, 0.0933
Android (android.graphics.Color)	4279120312 (0xFF0E31B8)
YUV	53.9250, 64.1270, -35.0142
Hunter-Lab	23.9806, 31.9567, -96.7816

Details

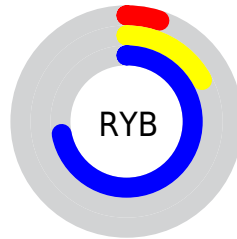
The Hex color **0E31B8** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **B8950E**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **6460F1**, and **000881** is the 20% darker color. If you saturate the color by 10%, you get **0026B8**, and if you desaturate by 10%, it is **2040B8**.

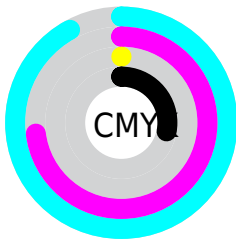
Distribution



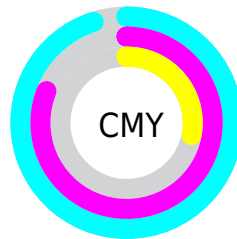
- Red (5%)
- Green (19%)
- Blue (72%)



- Red (5%)
- Yellow (17%)
- Blue (72%)



- Cyan (92%)
- Magenta (73%)
- Yellow (0%)
- Black (28%)



- Cyan (95%)
- Magenta (81%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E31B8 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 0E31B8 by changing the saturation by 10% instead.

■ 0E31B8

■ 0E31B8

FFFFFF

■ 001B9C

■ 6460F1

■ 000881

■ 8379FF

■ 000068

■ A293FF

■ 000A4E

■ C0AEFF

■ 000536

■ DFC9FF

■ 000220

■ FDE5FF

■ 000004

■ 000000

■ 0E31B8

■ 0E31B8

■ 0026B8

■ 2040B8

■ 334EB8

■ 455DB8

■ 586BB8

■ 6A7AB8

■ 7C89B8

■ 8F97B8

■ A1A6B8

■ B4B5B8

Harmonies

Analogous

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



004FCB



0E31B8



8C0086

Triad

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



0E31B8



841D00



005943

Complementary

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



0E31B8



B8950E

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.



005700



0E31B8



544200

Square

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



0E31B8



A40005



005100



005B85

Rectangle

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



0E31B8



A5005C



005100



00592C

Sweetspot

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



0E31B8



ADBAF0



0EB893



4F5778



F7F7F7



787878

Same Dimension

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



0E31B8



0031F0



3E0EB8



53555C



00209C



00061C

Inverse Universe

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



B80E31



F00031



88B80E



5C5355



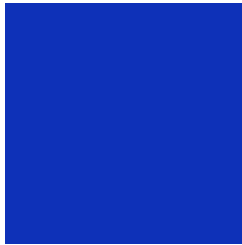
9C0020



1C0006

Previews

White Background



This preview shows how the Hex color 0E31B8 looks on a white background.

Color Contrast Check

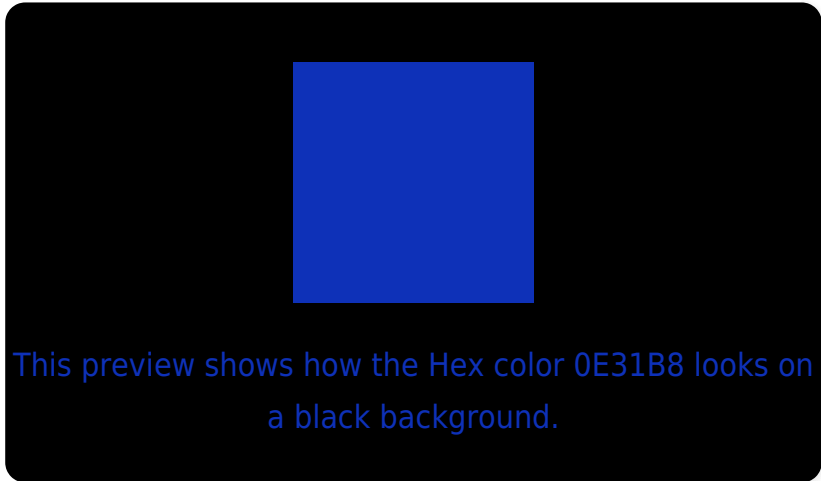
Large Text (above 18pt) WCAG AA ✓ Pass

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

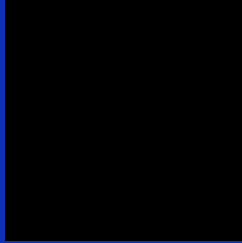
Any Text WCAG AA × Fail

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 0E31B8 Background



This preview shows how black text looks on a background with the Hex color 0E31B8.



This preview shows how white text looks on a background with the Hex color 0E31B8.

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
0E31B8

Protanopia
00418A

Deuteranopia
004675



Tritanopia
004B4F

Trichromacy



Original Color
0E31B8

Protanomaly
053B9B

Deuteranomaly
053E8D

Tritanomaly
054275

Monochromacy



Original Color
0E31B8

Achromatopsia
363636

Achromatomaly
273465

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E31B8 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 #0E31B8 looks like.

```
.text, #text, p{  
    color:#0E31B8  
}
```

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 #0E31B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E31B8
}
```

Border

The CSS property to change the border of an element to Hex 0E31B8 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
#0E31B8 }
```

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

```
.border{ border-color:#0E31B8 }
```

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

Here you see how a box with a 4 pixel #0E31B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E31B8; -webkit-box-shadow:4px 4px  
4px 4px #0E31B8; box-shadow:4px 4px 4px  
4px #0E31B8 }
```

Background

The CSS property to change the background color of an element to Hex 0E31B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E31B8 }
```

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

```
.background{ background-color:#0E31B8 }
```

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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