

# Converting Colors

Hex(0E29E2)

Have a look what the booklet for  
Hex(0E29E2) contains.

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# Color

**Hex(0E29E2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0E29E2
RGB	14, 41, 226
RGB Percent	5%, 16%, 89%
CMY	0.9451, 0.8392, 0.1137
CMYK	0.94, 0.82, 0.00, 0.11
HSL	232°, 88%, 47%
HSV	232°, 94%, 89%
XYZ	14.7015, 7.1702, 72.5606
YIQ	54.0170, -75.4770, 51.8110

# Conversions

## Conversions Part 2

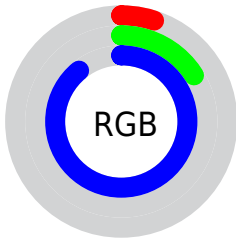
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 38, 226
Decimal	928226
CIE <sub>Lab</sub>	32.19, 60.68, -91.61
CIE <sub>LCh</sub>	32, 109.877, 303.519
Yxy	7.1702, 0.1557, 0.0759
Android (android.graphics.Color)	4279118306 (0xFF0E29E2)
YUV	54.0170, 84.7876, -35.0949
Hunter-Lab	26.7773, 51.1415, -141.9190

# Details

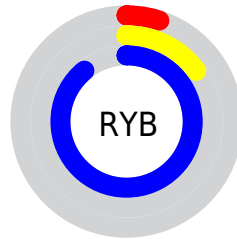
The Hex color **0E29E2** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **E2C70E**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **715BFF**, and **0000A9** is the 20% darker color. If you saturate the color by 10%, you get **001DE2**, and if you desaturate by 10%, it is **253DE2**.

# Distribution



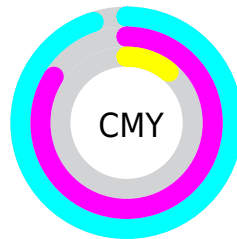
- Red (5%)
- Green (16%)
- Blue (89%)



- Red (5%)
- Yellow (15%)
- Blue (89%)



- Cyan (94%)
- Magenta (82%)
- Yellow (0%)
- Black (11%)



- Cyan (95%)
- Magenta (84%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E29E2 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 0E29E2 by changing the saturation by 10% instead.




 0E29E2

 0E29E2

FFFFFF

 000FC5

 715BFF

 0000A9

 9375FF

 00008D

 B38FFF

 000173

 D3AAFF

 000D59

 F3C6FF

 000740

 FFE3FF

 000329

 000114

 000000

■ 0E29E2

■ 0E29E2

■ 001DE2

■ 253DE2

■ 3B50E2

■ 5264E2

■ 6878E2

■ 7F8CE2

■ 969FE2

■ ACB3E2

■ C3C7E2

■ D9DAE2

# Harmonies

## Analogous

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



005AFF



0E29E2



B1009B

# Triad

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



0E29E2



961900



006655

# Complementary

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



0E29E2



E2C70E

# 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.



006300



0E29E2



554D00

# Square

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



0E29E2



C40000



005E00



0068AC

# Rectangle

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



0E29E2



CE0063



005E00



006536



# Sweetspot

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



0E29E2



B8C1FF



0EE2C6



545A80



000000



808080



# Same Dimension

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



0E29E2



0020FF



5C0EE2



656670



0016B0



000630



# Inverse Universe

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



E20E29



FF0020



94E20E



706566



B00016

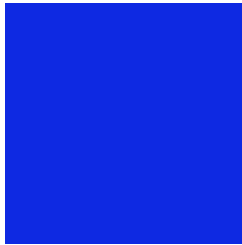


300006



# Previews

## White Background



This preview shows how the Hex color 0E29E2 looks on a white background.

## Color Contrast Check

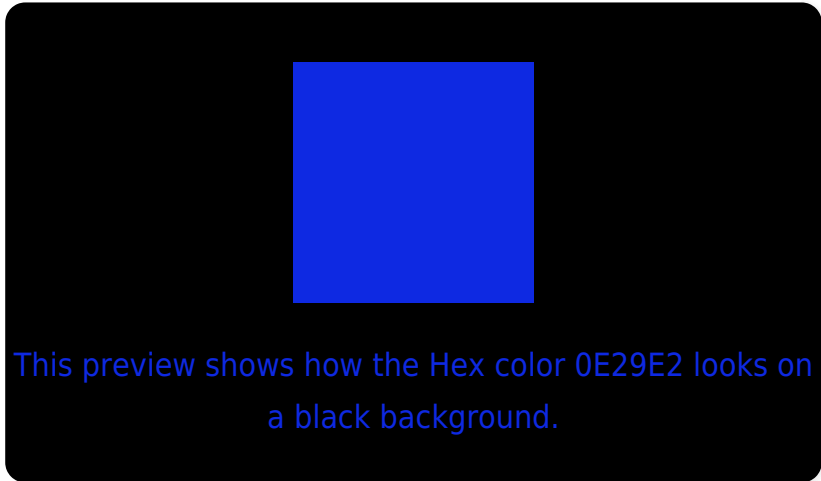
Large Text (above 18pt) WCAG AA ✓ Pass

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

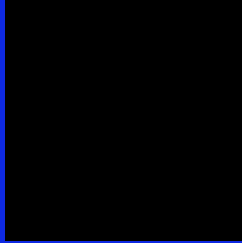
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0E29E2 Background



This preview shows how black text looks on a background with the Hex color 0E29E2.



This preview shows how white text looks on a background with the Hex color 0E29E2.

# 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**  
0E29E2

**Protanopia**  
004999

**Deuteranopia**  
004E81



# Trichromacy



**Original Color**  
0E29E2

**Protanomaly**  
053DB4

**Deuteranomaly**  
0541A4

**Tritanomaly**  
05448A

# Monochromacy



**Original Color**  
0E29E2

**Achromatopsia**  
363636

**Achromatomaly**  
273175

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E29E2 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 #0E29E2 looks like.

```
.text, #text, p{  
    color:#0E29E2  
}
```

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 #0E29E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E29E2
}
```

## Border

The CSS property to change the border of an element to Hex 0E29E2 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
#0E29E2 }
```

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

```
.border{ border-color:#0E29E2 }
```

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

Here you see how a box with a 4 pixel #0E29E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E29E2; -webkit-box-shadow:4px 4px  
4px 4px #0E29E2; box-shadow:4px 4px 4px  
4px #0E29E2 }
```

# Background

The CSS property to change the background color of an element to Hex 0E29E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E29E2 }
```

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

```
.background{ background-color:#0E29E2 }
```

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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