

Converting Colors

Hex(0E0E9C)

Have a look what the booklet for
Hex(0E0E9C) contains.

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Color

Hex(0E0E9C)

Conversions

Conversions Part 1

Format	Color
Hex	0E0E9C
RGB	14, 14, 156
RGB Percent	5%, 5%, 61%
CMY	0.9451, 0.9451, 0.3882
CMYK	0.91, 0.91, 0.00, 0.39
HSL	240°, 84%, 33%
HSV	240°, 91%, 61%
XYZ	6.3389, 2.8077, 31.6603
YIQ	30.1880, -45.5820, 44.1620

Conversions

Conversions Part 2

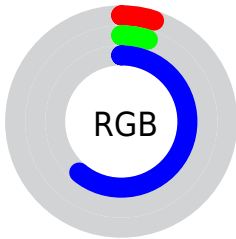
Format	Color
R_{YB}	14, 14, 156
Decimal	921244
CIE _{Lab}	19.26, 50.80, -71.71
CIE _{LCh}	19, 87.880, 305.312
Yxy	2.8077, 0.1553, 0.0688
Android (android.graphics.Color)	4279111324 (0xFF0E0E9C)
YUV	30.1880, 62.0253, -14.1969
Hunter-Lab	16.7563, 38.2028, -100.2966

Details

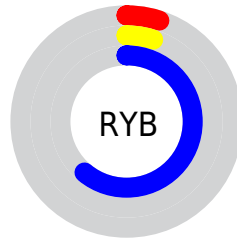
The Hex color **0E0E9C** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **9C9C0E**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **5E40D4**, and **000067** is the 20% darker color. If you saturate the color by 10%, you get **00009C**, and if you desaturate by 10%, it is **1E1E9C**.

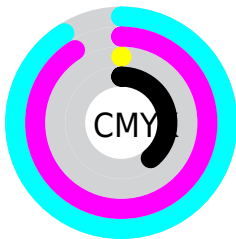
Distribution



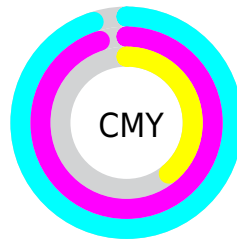
- Red (5%)
- Green (5%)
- Blue (61%)



- Red (5%)
- Yellow (5%)
- Blue (61%)



- Cyan (91%)
- Magenta (91%)
- Yellow (0%)
- Black (39%)



- Cyan (95%)
- Magenta (95%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E0E9C 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 0E0E9C by changing the saturation by 10% instead.

 0E0E9C

 0E0E9C

 FFFCFF

 000081

 5E40D4

 000067

 7D59F1

 00064E

 9B72FF

 000536

 B98DFF

 000220

 D7A8FF

 000004

 F5C3FF

 000000

 FFE0FF

 0E0E9C

 0E0E9C

■ 00009C

■ 1E1E9C

■ 2D2D9C

■ 3D3D9C

■ 4C4C9C

■ 5C5C9C

■ 6C6C9C

■ 7B7B9C

■ 8B8B9C

■ 9A9A9C

Harmonies

Analogous

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



0039B6



0E0E9C



7C0066

Triad

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



0E0E9C



620A00



004239

Complementary

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



0E0E9C



9C9C0E

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.



004000



0E0E9C



313100

Square

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



0E0E9C



840000



003C00



00447A

Rectangle

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



0E0E9C



8F003C



003C00



004123

Sweetspot

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



0E0E9C



9595CC



0E9C9C



454566



E6E6E6



666666

Same Dimension

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



0E0E9C



0000CC



550E9C



47474F



00008F



00000F

Inverse Universe

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



9C0E9C



CC00CC



559C0E



4F474F



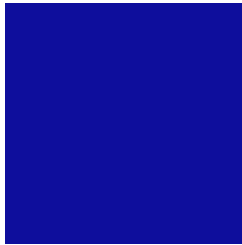
8F008F



0F000F

Previews

White Background



This preview shows how the Hex color 0E0E9C looks on a white background.

Color Contrast Check

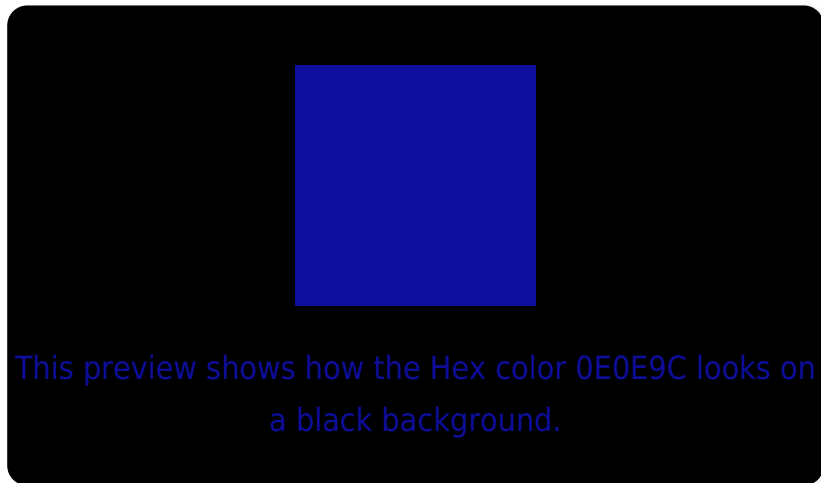
Large Text (above 18pt) WCAG AA ✓ Pass

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

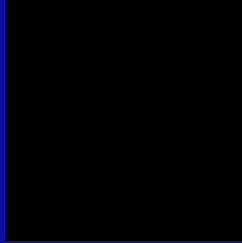
Any Text WCAG AA × Fail

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 0E0E9C Background



This preview shows how black text looks on a background with the Hex color 0E0E9C.



This preview shows how white text looks on a background with the Hex color 0E0E9C.

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
0E0E9C

Protanopia
002F62

Deuteranopia
003253

Trichromacy



Original Color
0E0E9C

Protanomaly
052377

Deuteranomaly
05256E

Tritanomaly
05275C

Monochromacy



Original Color
0E0E9C

Achromatopsia
1E1E1E

Achromatomaly
18184C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E0E9C 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 #0E0E9C looks like.

```
.text, #text, p{  
    color:#0E0E9C  
}
```

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 #0E0E9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E0E9C
}
```

Border

The CSS property to change the border of an element to Hex 0E0E9C 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".

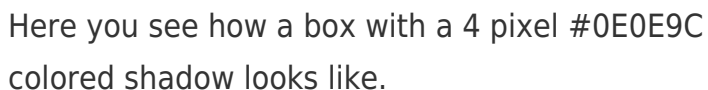
```
.border, #border, table{ border:4px solid
#0E0E9C }
```

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

```
.border{ border-color:#0E0E9C }
```

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

Here you see how a box with a 4 pixel #0E0E9C colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E0E9C; -webkit-box-shadow:4px 4px  
4px 4px #0E0E9C; box-shadow:4px 4px 4px  
4px #0E0E9C }
```

Background

The CSS property to change the background color of an element to Hex 0E0E9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E0E9C }
```

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

```
.background{ background-color:#0E0E9C }
```

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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