

Converting Colors

Hex(0E3C9E)

Have a look what the booklet for
Hex(0E3C9E) contains.

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Color

Hex(0E3C9E)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0E3C9E |
| RGB | 14, 60, 158 |
| RGB Percent | 5%, 24%, 62% |
| CMY | 0.9451, 0.7647, 0.3804 |
| CMYK | 0.91, 0.62, 0.00, 0.38 |
| HSL | 221°, 84%, 34% |
| HSV | 221°, 91%, 62% |
| XYZ | 7.9685, 5.7937, 33.0461 |
| YIQ | 57.4180, -58.8740, 20.7260 |

Conversions

Conversions Part 2

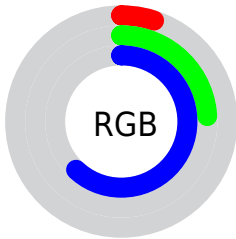
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 14, 49, 158 |
| Decimal | 933022 |
| CIE _{Lab} | 28.89, 25.36, -57.02 |
| CIE _{LCh} | 29, 62.402, 293.980 |
| Yxy | 5.7937, 0.1702, 0.1238 |
| Android (android.graphics.Color) | 4279123102 (0xFF0E3C9E) |
| YUV | 57.4180, 49.5869, -38.0776 |
| Hunter-Lab | 24.0701, 16.9705, -64.5507 |

Details

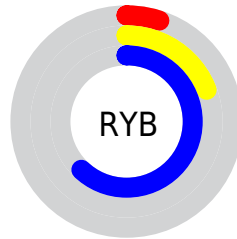
The Hex color **0E3C9E** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9E700E**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **5B6BD6**, and **001469** is the 20% darker color. If you saturate the color by 10%, you get **00329E**, and if you desaturate by 10%, it is **1E479E**.

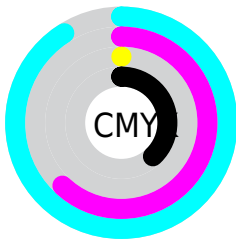
Distribution



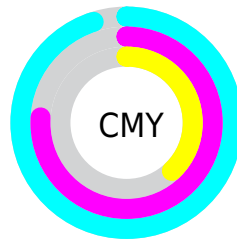
- Red (5%)
- Green (24%)
- Blue (62%)



- Red (5%)
- Yellow (19%)
- Blue (62%)



- Cyan (91%)
- Magenta (62%)
- Yellow (0%)
- Black (38%)



- Cyan (95%)
- Magenta (76%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E3C9E 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 0E3C9E by changing the saturation by 10% instead.

■ 0E3C9E

■ 0E3C9E

FFFFFF

■ 002783

■ 5B6BD6

■ 001469

■ 7884F2

■ 000051

■ 959EFF

■ 000539

■ B3B9FF

■ 000222

■ D0D4FF

■ 000008

■ EEF1FF

■ 000000

■ 0E3C9E

■ 0E3C9E

■ 00329E

■ 1E479E

■ 2E529E

■ 3D5C9E

■ 4D679E

■ 5D729E

■ 6D7D9E

■ 7D879E

■ 8C929E

■ 9C9D9E

Harmonies

Analogous

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



004EA6



0E3C9E



721A7E

Triad

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



0E3C9E



7F2500



005639

Complementary

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



0E3C9E



9E700E

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.



005300



0E3C9E



5C3F00

Square

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



0E3C9E



920021



2F4D00



00576A

Rectangle

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



0E3C9E



8A0060



2F4D00



005627

Sweetspot

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



0E3C9E



97A9CF



0E9E6E



475269



E8E8E8



696969

Same Dimension

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



0E3C9E



0042CF



260E9E



474A4F



002E8F



00050F

Inverse Universe

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



9E0E3C



CF0042



869E0E



4F474A



8F002E



0F0005

Previews

White Background



This preview shows how the Hex color 0E3C9E looks on a white background.

Color Contrast Check

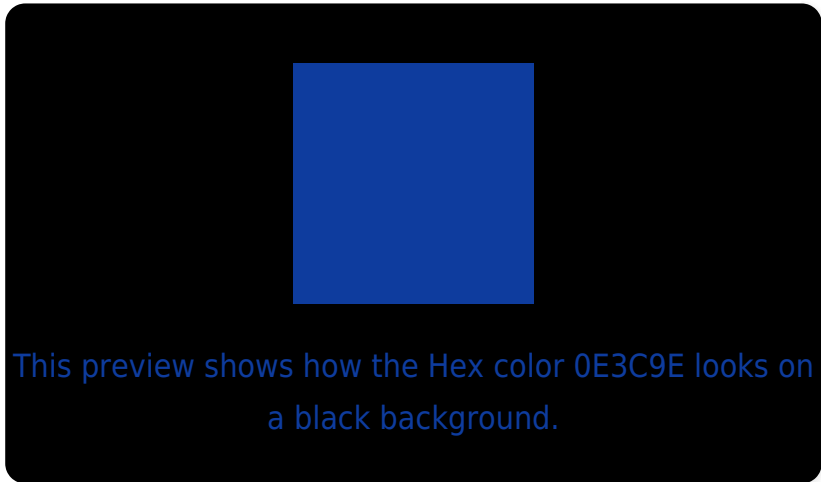
Large Text (above 18pt) WCAG AA ✓ Pass

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

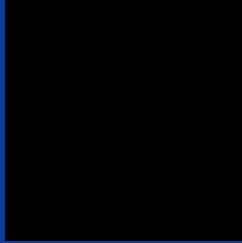
Any Text WCAG AA × Fail

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 0E3C9E Background



This preview shows how black text looks on a background with the Hex color 0E3C9E.



This preview shows how white text looks on a background with the Hex color 0E3C9E.

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



Trichromacy



Original Color
0E3C9E

Deuteranomaly
054285

Tritanomaly
05466C

Monochromacy



Original Color
0E3C9E

Achromatopsia
393939

Achromatomaly
293A5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E3C9E 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 #0E3C9E looks like.

```
.text, #text, p{  
    color:#0E3C9E  
}
```

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 #0E3C9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E3C9E
}
```

Border

The CSS property to change the border of an element to Hex 0E3C9E 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
#0E3C9E }
```

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

```
.border{ border-color:#0E3C9E }
```

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

Here you see how a box with a 4 pixel #0E3C9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E3C9E; -webkit-box-shadow:4px 4px  
4px 4px #0E3C9E; box-shadow:4px 4px 4px  
4px #0E3C9E }
```

Background

The CSS property to change the background color of an element to Hex 0E3C9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E3C9E }
```

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

```
.background{ background-color:#0E3C9E }
```

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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