

Converting Colors

Hex(0E3D95)

Have a look what the booklet for
Hex(0E3D95) contains.

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Color

Hex(0E3D95)

Conversions

Conversions Part 1

Format	Color
Hex	0E3D95
RGB	14, 61, 149
RGB Percent	5%, 24%, 58%
CMY	0.9451, 0.7608, 0.4157
CMYK	0.91, 0.59, 0.00, 0.42
HSL	219°, 83%, 32%
HSV	219°, 91%, 58%
XYZ	7.2747, 5.6008, 29.1314
YIQ	56.9790, -56.2600, 17.4040

Conversions

Conversions Part 2

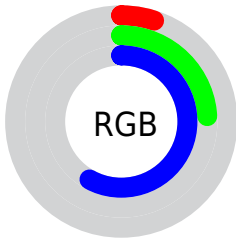
Format	Color
R_{YB}	14, 49, 149
Decimal	933269
CIE _{Lab}	28.38, 20.99, -52.35
CIE _{LCh}	28, 56.403, 291.845
Yxy	5.6008, 0.1732, 0.1333
Android (android.graphics.Color)	4279123349 (0xFF0E3D95)
YUV	56.9790, 45.3664, -37.6926
Hunter-Lab	23.6660, 13.4536, -56.4164

Details

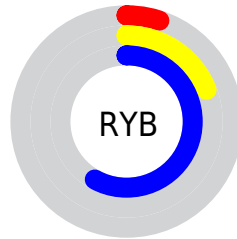
The Hex color **0E3D95** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **95660E**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **586CCC**, and **001561** is the 20% darker color. If you saturate the color by 10%, you get **003495**, and if you desaturate by 10%, it is **1D4795**.

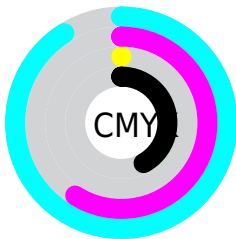
Distribution



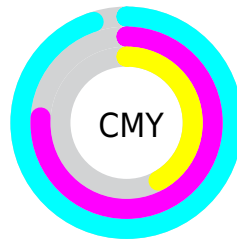
- Red (5%)
- Green (24%)
- Blue (58%)



- Red (5%)
- Yellow (19%)
- Blue (58%)



- Cyan (91%)
- Magenta (59%)
- Yellow (0%)
- Black (42%)



- Cyan (95%)
- Magenta (76%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E3D95 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 0E3D95 by changing the saturation by 10% instead.

■ 0E3D95

■ 0E3D95

FFFFFF

■ 00287B

■ 586CCC

■ 001561

■ 7585E8

■ 000049

■ 929FFF

■ 000431

■ AFBAFF

■ 00011B

■ CCD5FF

■ 000000

■ E9F2FF

■ 0E3D95

■ 0E3D95

■ 003495

■ 1D4795

■ 2C5095

■ 3B5A95

■ 4A6495

■ 596E95

■ 677795

■ 768195

■ 858B95

■ 949495

Harmonies

Analogous

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



004C9A



0E3D95



692379

Triad

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



0E3D95



7B2700



005435

Complementary

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



0E3D95



95660E

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.



005101



0E3D95



5D3D00

Square

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



0E3D95



8B0026



354A00



005562

Rectangle

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



0E3D95



81055F



354A00



005326

Sweetspot

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



0E3D95



8DA0C2



0E9566



424D61



E0E0E0



616161

Same Dimension

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



0E3D95



0043C2



220E95



43454A



00308A



00040A

Inverse Universe

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



950E3D



C20043



81950E



4A4345



8A0030



0A0004

Previews

White Background



This preview shows how the Hex color 0E3D95 looks on a white background.

Color Contrast Check

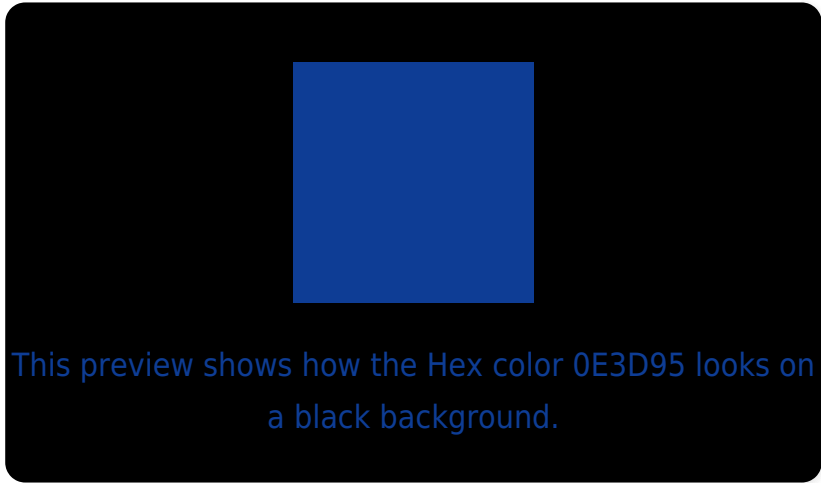
Large Text (above 18pt) WCAG AA ✓ Pass

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

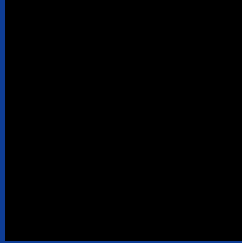
Any Text WCAG AA × Fail

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 0E3D95 Background



This preview shows how black text looks on a background with the Hex color 0E3D95.



This preview shows how white text looks on a background with the Hex color 0E3D95.

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
0E3D95

Protanopia
004189

Deuteranopia
004576

Trichromacy



Original Color
0E3D95

Protanomaly
05408D

Deuteranomaly
054281

Monochromacy



Original Color
0E3D95

Achromatopsia
393939

Achromatomaly
293A5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E3D95 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 #0E3D95 looks like.

```
.text, #text, p{  
    color:#0E3D95  
}
```

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 #0E3D95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E3D95
}
```

Border

The CSS property to change the border of an element to Hex 0E3D95 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
#0E3D95 }
```

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

```
.border{ border-color:#0E3D95 }
```

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

Here you see how a box with a 4 pixel #0E3D95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E3D95; -webkit-box-shadow:4px 4px  
4px 4px #0E3D95; box-shadow:4px 4px 4px  
4px #0E3D95 }
```

Background

The CSS property to change the background color of an element to Hex 0E3D95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E3D95 }
```

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

```
.background{ background-color:#0E3D95 }
```

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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