

Converting Colors

Hex(0E2993)

Have a look what the booklet for
Hex(0E2993) contains.

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Color

Hex(0E2993)

Conversions

Conversions Part 1

Format	Color
Hex	0E2993
RGB	14, 41, 147
RGB Percent	5%, 16%, 58%
CMY	0.9451, 0.8392, 0.4235
CMYK	0.90, 0.72, 0.00, 0.42
HSL	228°, 83%, 32%
HSV	228°, 90%, 58%
XYZ	6.2405, 3.7858, 28.0056
YIQ	45.0110, -50.1180, 27.2420

Conversions

Conversions Part 2

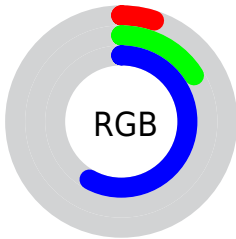
Format	Color
R _Y B	14, 36, 147
Decimal	928147
CIE Lab	22.95, 33.82, -60.04
CIE LCh	23, 68.907, 299.395
Yxy	3.7858, 0.1641, 0.0995
Android (android.graphics.Color)	4279118227 (0xFF0E2993)
YUV	45.0110, 50.2806, -27.1966
Hunter-Lab	19.4572, 23.2002, -71.7187

Details

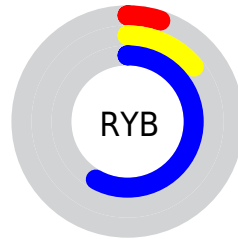
The Hex color **0E2993** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **93780E**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **5957CA**, and **00005F** is the 20% darker color. If you saturate the color by 10%, you get **001E93**, and if you desaturate by 10%, it is **1D3593**.

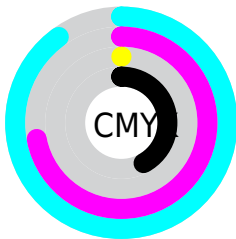
Distribution



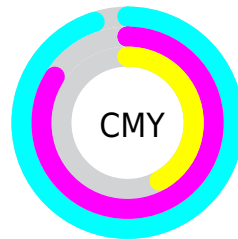
- Red (5%)
- Green (16%)
- Blue (58%)



- Red (5%)
- Yellow (14%)
- Blue (58%)



- Cyan (90%)
- Magenta (72%)
- Yellow (0%)
- Black (42%)



- Cyan (95%)
- Magenta (84%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E2993 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 0E2993 by changing the saturation by 10% instead.


 0E2993

 0E2993

FFFFFF

 001579


 5957CA

 00005F

 766FE7

 000546

 9389FF

 00042F

 B1A3FF

 000119

 CEBEFF

 000000

 ECDAFF

 FFF6FF

 0E2993

 0E2993

■ 001E93

■ 1D3593

■ 2B4093

■ 3A4C93

■ 495893

■ 586493

■ 666F93

■ 757B93

■ 848793

■ 929293

Harmonies

Analogous

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



0040A1



0E2993



6F006C

Triad

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



0E2993



6B1800



004834

Complementary

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



0E2993



93780E

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.



004600



0E2993



453500

Square

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



0E2993



840005



044100



004A69

Rectangle

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



0E2993



84004B



044100



004822

Sweetspot

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



0E2993



8C96BF



0E9376



424861



E0E0E0



616161

Same Dimension

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



0E2993



0027BF



340E93



43444A



001C8A



00020A

Inverse Universe

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



930E29



BF0027



6D930E



4A4344



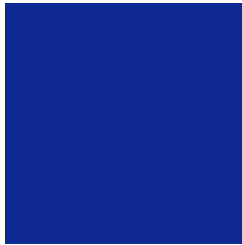
8A001C



0A0002

Previews

White Background



This preview shows how the Hex color 0E2993 looks on a white background.

Color Contrast Check

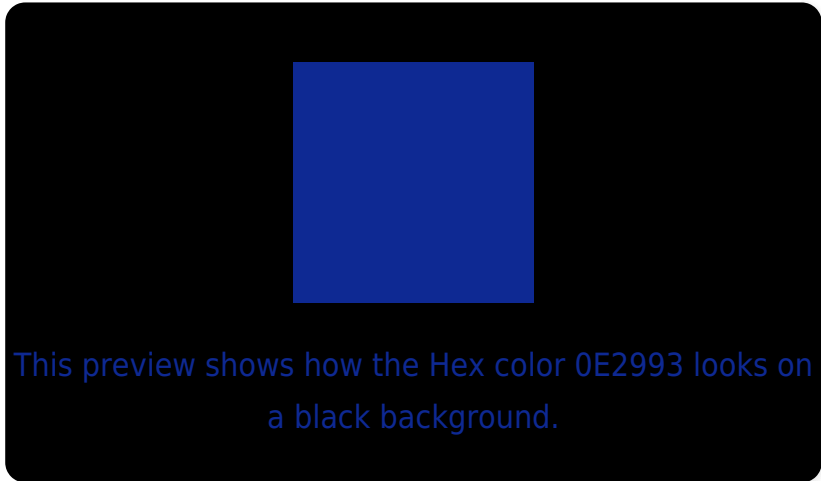
Large Text (above 18pt) WCAG AA ✓ Pass

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

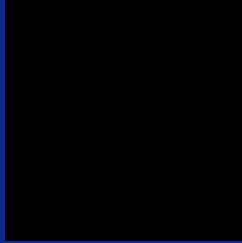
Any Text WCAG AA × Fail

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 0E2993 Background



This preview shows how black text looks on a background with the Hex color 0E2993.



This preview shows how white text looks on a background with the Hex color 0E2993.

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
0E2993

Protanopia
003570

Deuteranopia
003960



Tritanopia
003D41

Trichromacy



Original Color
0E2993

Protanomaly
05317D

Deuteranomaly
053373

Tritanomaly
05365F

Monochromacy



Original Color
0E2993

Achromatopsia
2D2D2D

Achromatomaly
222C52

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E2993 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 #0E2993 looks like.

```
.text, #text, p{  
    color:#0E2993  
}
```

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 #0E2993 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E2993
}
```

Border

The CSS property to change the border of an element to Hex 0E2993 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
#0E2993 }
```

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

```
.border{ border-color:#0E2993 }
```

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

Here you see how a box with a 4 pixel #0E2993 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E2993; -webkit-box-shadow:4px 4px  
4px 4px #0E2993; box-shadow:4px 4px 4px  
4px #0E2993 }
```

Background

The CSS property to change the background color of an element to Hex 0E2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E2993 }
```

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

```
.background{ background-color:#0E2993 }
```

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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