

Converting Colors

Hex(0C2594)

Have a look what the booklet for
Hex(0C2594) contains.

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Color

Hex(0C2594)

Conversions

Conversions Part 1

Format	Color
Hex	0C2594
RGB	12, 37, 148
RGB Percent	5%, 15%, 58%
CMY	0.9529, 0.8549, 0.4196
CMYK	0.92, 0.75, 0.00, 0.42
HSL	229°, 85%, 31%
HSV	229°, 92%, 58%
XYZ	6.1585, 3.5394, 28.3756
YIQ	42.1790, -50.5310, 29.2210

Conversions

Conversions Part 2

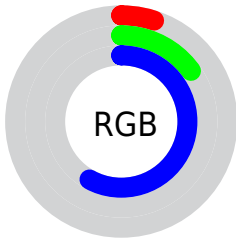
Format	Color
R_{YB}	12, 33, 148
Decimal	796052
CIE _{Lab}	22.09, 36.66, -62.08
CIE _{LCh}	22, 72.098, 300.561
Y _{xy}	3.5394, 0.1618, 0.0930
Android (android.graphics.Color)	4278986132 (0xFF0C2594)
YUV	42.1790, 52.1698, -26.4670
Hunter-Lab	18.8133, 25.5080, -76.2559

Details

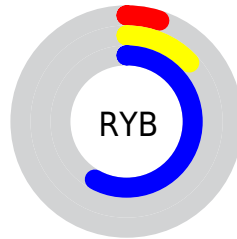
The Hex color **0C2594** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **947B0C**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5952CB**, and **000060** is the 20% darker color. If you saturate the color by 10%, you get **001B94**, and if you desaturate by 10%, it is **1B3194**.

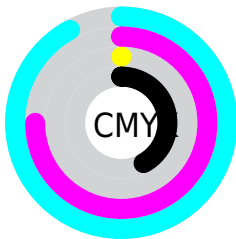
Distribution



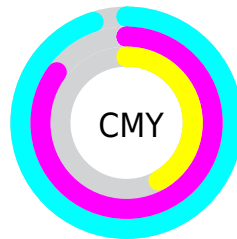
- Red (5%)
- Green (15%)
- Blue (58%)



- Red (5%)
- Yellow (13%)
- Blue (58%)



- Cyan (92%)
- Magenta (75%)
- Yellow (0%)
- Black (42%)



- Cyan (95%)
- Magenta (85%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C2594 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 0C2594 by changing the saturation by 10% instead.

■ 0C2594

■ 0C2594

FFFFFF

■ 00107A

■ 5952CB

■ 000060

■ 776BE8

■ 000647

■ 9484FF

■ 000430

■ B19FFF

■ 00011A

■ CFBAFF

■ 000000

■ EDD6FF

■ FFF2FF

■ 0C2594

■ 0C2594

■ 001B94

■ 1B3194

■ 2A3D94

■ 384994

■ 475594

■ 566194

■ 656D94

■ 747A94

■ 828694

■ 919294

Harmonies

Analogous

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



003EA4



0C2594



70006B

Triad

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



0C2594



691600



004735

Complementary

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



0C2594



947B0C

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.



004500



0C2594



413400

Square

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



0C2594



840000



004000



00486B

Rectangle

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



0C2594



850048



004000



004621

Sweetspot

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



0C2594



8A94BF



0C9479



404661



E0E0E0



616161

Same Dimension

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



0C2594



0023BF



350C94



43444A



00198A



00020A

Inverse Universe

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



940C25



BF0023



6B940C



4A4344



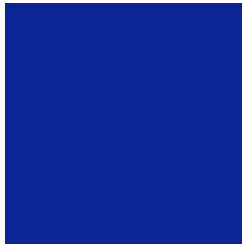
8A0019



0A0002

Previews

White Background



This preview shows how the Hex color 0C2594 looks on a white background.

Color Contrast Check

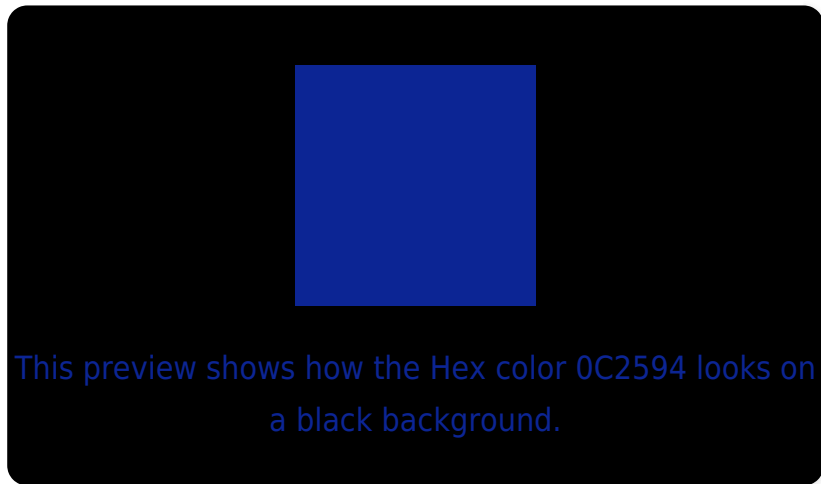
Large Text (above 18pt) WCAG AA ✓ Pass

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

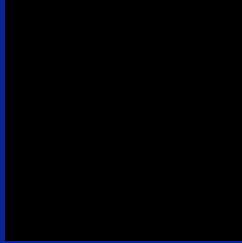
Any Text WCAG AA × Fail

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 0C2594 Background



This preview shows how black text looks on a background with the Hex color 0C2594.



This preview shows how white text looks on a background with the Hex color 0C2594.

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
0C2594

Protanopia
00346D

Deuteranopia
00375C



Tritanopia
003B3E

Trichromacy



Original Color
0C2594

Protanomaly
042F7B

Deuteranomaly
043070

Tritanomaly
04335D

Monochromacy



Original Color
0C2594

Achromatopsia
2A2A2A

Achromatomaly
1F2851

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C2594 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 #0C2594 looks like.

```
.text, #text, p{  
    color:#0C2594  
}
```

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 #0C2594 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C2594
}
```

Border

The CSS property to change the border of an element to Hex 0C2594 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
#0C2594 }
```

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

```
.border{ border-color:#0C2594 }
```

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

Here you see how a box with a 4 pixel #0C2594 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C2594; -webkit-box-shadow:4px 4px  
4px 4px #0C2594; box-shadow:4px 4px 4px  
4px #0C2594 }
```

Background

The CSS property to change the background color of an element to Hex 0C2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C2594 }
```

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

```
.background{ background-color:#0C2594 }
```

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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