

Converting Colors

Hex(0C3392)

Have a look what the booklet for
Hex(0C3392) contains.

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Color

Hex(0C3392)

Conversions

Conversions Part 1

Format	Color
Hex	0C3392
RGB	12, 51, 146
RGB Percent	5%, 20%, 57%
CMY	0.9529, 0.8000, 0.4275
CMYK	0.92, 0.65, 0.00, 0.43
HSL	223°, 85%, 31%
HSV	223°, 92%, 57%
XYZ	6.5238, 4.5211, 27.7230
YIQ	50.1690, -53.7390, 21.2770

Conversions

Conversions Part 2

Format	Color
R_{YB}	12, 42, 146
Decimal	799634
CIE _{Lab}	25.32, 26.60, -55.51
CIE _{LCh}	25, 61.555, 295.598
Yxy	4.5211, 0.1683, 0.1166
Android (android.graphics.Color)	4278989714 (0xFF0C3392)
YUV	50.1690, 47.2447, -33.4742
Hunter-Lab	21.2630, 17.5559, -62.4191

Details

The Hex color **0C3392** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **926B0C**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5761C9**, and **000B5E** is the 20% darker color. If you saturate the color by 10%, you get **002A92**, and if you desaturate by 10%, it is **1B3D92**.

Distribution



- Red (5%)
- Green (20%)
- Blue (57%)



- Red (5%)
- Yellow (16%)
- Blue (57%)



- Cyan (92%)
- Magenta (65%)
- Yellow (0%)
- Black (43%)



- Cyan (95%)
- Magenta (80%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C3392 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 0C3392 by changing the saturation by 10% instead.

■ 0C3392

■ 0C3392

FFFFFF

■ 001E78

■ 5761C9

■ 000B5E

■ 747AE5

■ 000346

■ 9193FF

■ 00042E

■ AEAEFF

■ 000119

■ CBC9FF

■ 000000

■ E9E5FF

■ 0C3392

■ 0C3392

■ 002A92

■ 1B3D92

■ 294892

■ 385292

■ 465C92

■ 556792

■ 647192

■ 727B92

■ 818692

■ 8F9092

Harmonies

Analogous

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



00459B



0C3392



6A0A72

Triad

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



0C3392



721F00



004D34

Complementary

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



0C3392



926B0C

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.



004B00



0C3392



503800

Square

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



0C3392



860018



224500



004E64

Rectangle

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



0C3392



800055



224500



004D23

Sweetspot

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



0C3392



8897BD



0C926A



3E485E



DEDEDE



5E5E5E

Same Dimension

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



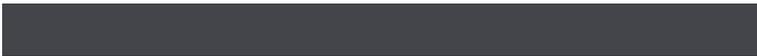
0C3392



0037BD



270C92



43454A



00288A



00030A

Inverse Universe

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



920C33



BD0037



77920C



4A4345



8A0028



0A0003

Previews

White Background



This preview shows how the Hex color 0C3392 looks on a white background.

Color Contrast Check

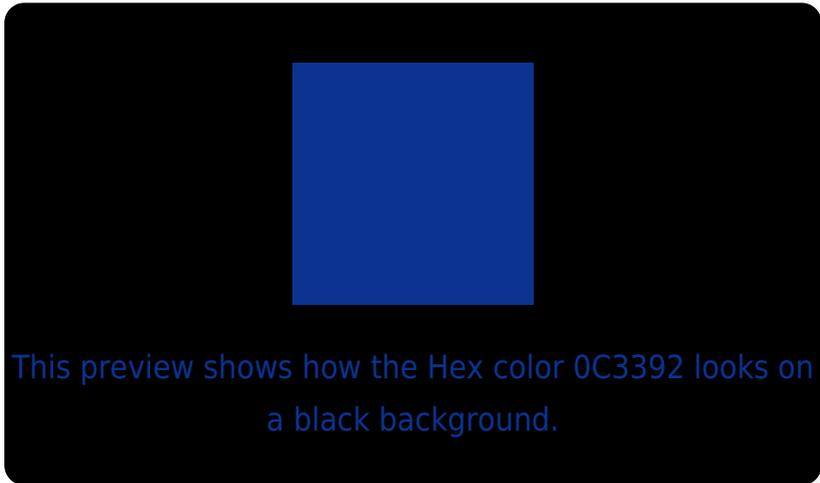
Large Text (above 18pt) WCAG AA ✓ Pass

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 0C3392 Background



This preview shows how black text looks on a background with the Hex color 0C3392.



This preview shows how white text looks on a background with the Hex color 0C3392.

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
0C3392

Protanopia
003A7B

Deuteranopia
003E69

Trichromacy



Original Color
0C3392

Protanomaly
043783

Deuteranomaly
043A78

Tritanomaly
043D62

Monochromacy



Original Color
0C3392

Achromatopsia
323232

Achromatomaly
243255

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C3392 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 #0C3392 looks like.

```
.text, #text, p{  
    color:#0C3392  
}
```

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 #0C3392 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3392
}
```

Border

The CSS property to change the border of an element to Hex 0C3392 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
#0C3392 }
```

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

```
.border{ border-color:#0C3392 }
```

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

Here you see how a box with a 4 pixel #0C3392 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3392; -webkit-box-shadow:4px 4px  
4px 4px #0C3392; box-shadow:4px 4px 4px  
4px #0C3392 }
```

Background

The CSS property to change the background color of an element to Hex 0C3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3392 }
```

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

```
.background{ background-color:#0C3392 }
```

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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