

Converting Colors

Hex(0C2698)

Have a look what the booklet for
Hex(0C2698) contains.

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Color

Hex(0C2698)

Conversions

Conversions Part 1

Format	Color
Hex	0C2698
RGB	12, 38, 152
RGB Percent	5%, 15%, 60%
CMY	0.9529, 0.8510, 0.4039
CMYK	0.92, 0.75, 0.00, 0.40
HSL	229°, 85%, 32%
HSV	229°, 92%, 60%
XYZ	6.5122, 3.7314, 30.0828
YIQ	43.2220, -52.0900, 29.9420

Conversions

Conversions Part 2

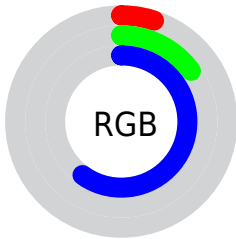
Format	Color
RYB	12, 34, 152
Decimal	796312
CIELab	22.76, 37.52, -63.43
CIElCh	23, 73.694, 300.603
Yxy	3.7314, 0.1615, 0.0925
Android (android.graphics.Color)	4278986392 (0xFF0C2698)
YUV	43.2220, 53.6276, -27.3817
Hunter-Lab	19.3168, 26.3729, -78.8127

Details

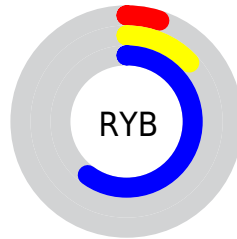
The Hex color **0C2698** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **987E0C**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **5A54CF**, and **000064** is the 20% darker color. If you saturate the color by 10%, you get **001C98**, and if you desaturate by 10%, it is **1B3298**.

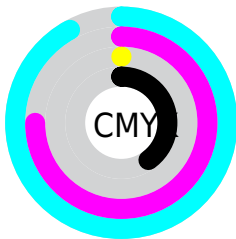
Distribution



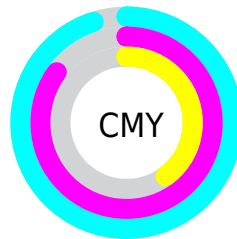
- Red (5%)
- Green (15%)
- Blue (60%)



- Red (5%)
- Yellow (13%)
- Blue (60%)



- Cyan (92%)
- Magenta (75%)
- Yellow (0%)
- Black (40%)



- Cyan (95%)
- Magenta (85%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C2698 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 0C2698 by changing the saturation by 10% instead.

■ 0C2698

■ 0C2698

FFFFFF

■ 00117D

■ 5A54CF

■ 000064

■ 786CEC

■ 00044B

■ 9586FF

■ 000433

■ B3A0FF

■ 00021D

■ D0BBFF

■ 000000

■ EED7FF

■ FFF3FF

■ 0C2698

■ 0C2698

■ 001C98

■ 1B3298

■ 2A3F98

■ 3A4B98

■ 495898

■ 586498

■ 677098

■ 767D98

■ 868998

■ 959598

Harmonies

Analogous

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



0040A8



0C2698



74006E

Triad

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



0C2698



6C1600



004936

Complementary

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



0C2698



987E0C

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



0C2698



433500

Square

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



0C2698



870000



004200



004A6E

Rectangle

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



0C2698



89004A



004200



004823

Sweetspot

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



0C2698



8D98C4



0C987C



424863



E3E3E3



636363

Same Dimension

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



0C2698



0024C4



360C98



45464D



001A8C



00020D

Inverse Universe

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



980C26



C40024



6E980C



4D4546



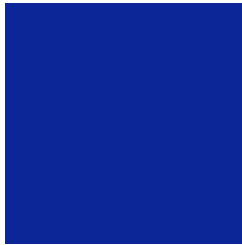
8C001A



0D0002

Previews

White Background



This preview shows how the Hex color 0C2698 looks on a white background.

Color Contrast Check

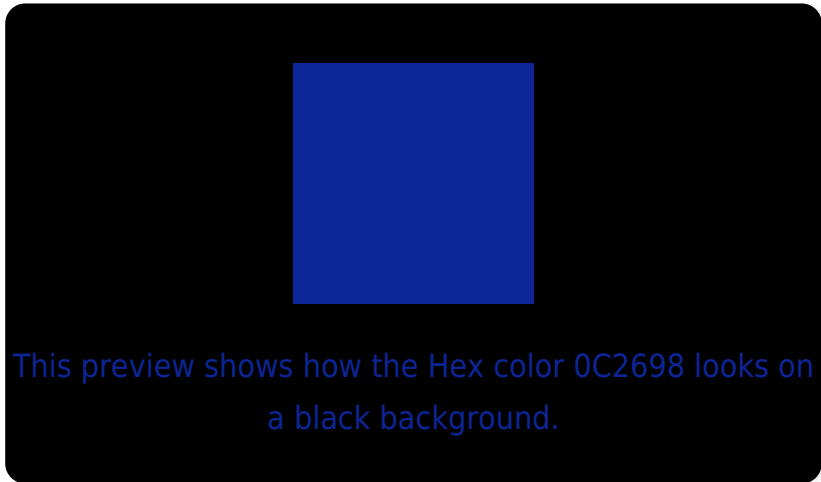
Large Text (above 18pt) WCAG AA ✓ Pass

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

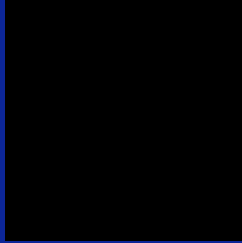
Any Text WCAG AA × Fail

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 0C2698 Background



This preview shows how black text looks on a background with the Hex color 0C2698.



This preview shows how white text looks on a background with the Hex color 0C2698.

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
0C2698

Protanopia
00356F

Deuteranopia
00395F



Tritanopia
003D40

Trichromacy



Original Color
0C2698

Protanomaly
04307E

Deuteranomaly
043274

Tritanomaly
043560

Monochromacy



Original Color
0C2698

Achromatopsia
2B2B2B

Achromatomaly
202953

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C2698 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 #0C2698 looks like.

```
.text, #text, p{  
    color:#0C2698  
}
```

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 #0C2698 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C2698
}
```

Border

The CSS property to change the border of an element to Hex 0C2698 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
#0C2698 }
```

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

```
.border{ border-color:#0C2698 }
```

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

Here you see how a box with a 4 pixel #0C2698 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C2698; -webkit-box-shadow:4px 4px  
4px 4px #0C2698; box-shadow:4px 4px 4px  
4px #0C2698 }
```

Background

The CSS property to change the background color of an element to Hex 0C2698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C2698 }
```

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

```
.background{ background-color:#0C2698 }
```

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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