

Converting Colors

Hex(0C4F8A)

Have a look what the booklet for
Hex(0C4F8A) contains.

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Color

Hex(0C4F8A)

Conversions

Conversions Part 1

Format	Color
Hex	0C4F8A
RGB	12, 79, 138
RGB Percent	5%, 31%, 54%
CMY	0.9529, 0.6902, 0.4588
CMYK	0.91, 0.43, 0.00, 0.46
HSL	208°, 84%, 29%
HSV	208°, 91%, 54%
XYZ	7.5350, 7.5051, 25.0962
YIQ	65.6930, -58.8710, 4.1450

Conversions

Conversions Part 2

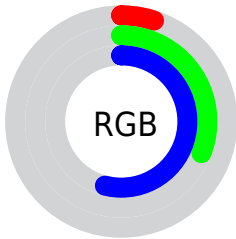
Format	Color
R_{YB}	12, 56, 138
Decimal	806794
CIE Lab	32.93, 3.89, -38.26
CIE LCh	33, 38.460, 275.800
Yxy	7.5051, 0.1877, 0.1870
Android (android.graphics.Color)	4278996874 (0xFF0C4F8A)
YUV	65.6930, 35.6474, -47.0888
Hunter-Lab	27.3954, 1.1539, -35.1372

Details

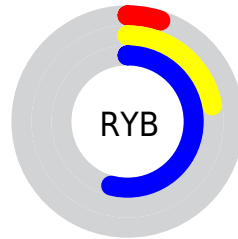
The Hex color **0C4F8A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8A470C**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5380C0**, and **002457** is the 20% darker color. If you saturate the color by 10%, you get **00498A**, and if you desaturate by 10%, it is **1A558A**.

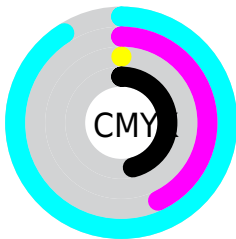
Distribution



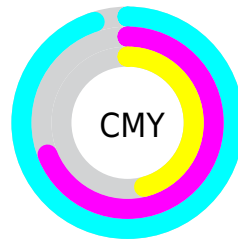
- Red (5%)
- Green (31%)
- Blue (54%)



- Red (5%)
- Yellow (22%)
- Blue (54%)



- Cyan (91%)
- Magenta (43%)
- Yellow (0%)
- Black (46%)



- Cyan (95%)
- Magenta (69%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C4F8A 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 0C4F8A by changing the saturation by 10% instead.

0C4F8A

0C4F8A

FFFFFF

003970

5380C0

002457

6F99DC

000D40

8CB4F9

000329

A8D0FF

000113

C5ECFF

000000

E2FFFF

0C4F8A

0C4F8A

00498A

1A558A

■ 285C8A

■ 35628A

■ 43698A

■ 516F8A

■ 5F768A

■ 6D7C8A

■ 7A838A

■ 88898A

Harmonies

Analogous

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



005785



0C4F8A



56437F

Triad

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



0C4F8A



81372C



005A33

Complementary

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



0C4F8A



8A470C

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.



385618



0C4F8A



704314

Square

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



0C4F8A



843049



584E08



005C53

Rectangle

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



0C4F8A



6E3A70



584E08



185929

Sweetspot

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



0C4F8A



829CB3



0C8A47



3D4C59



D9D9D9



595959

Same Dimension

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



0C4F8A



005FB3



0C108A



3E4245



004785



000305

Inverse Universe

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



8A0C4F



B3005F



8A860C



453E42



850047



050003

Previews

White Background



This preview shows how the Hex color 0C4F8A looks on a white background.

Color Contrast Check

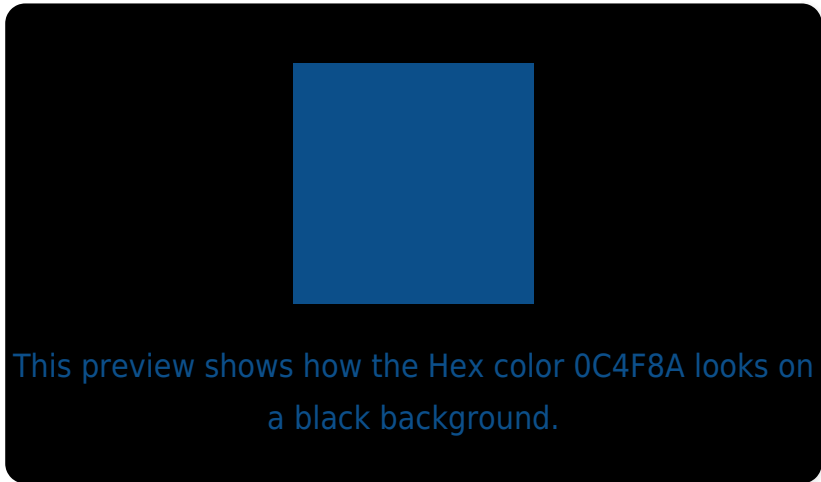
Large Text (above 18pt) WCAG AA ✓ Pass

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

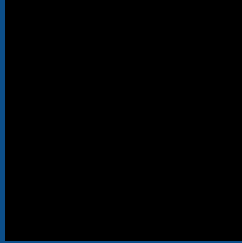
Any Text WCAG AA × Fail

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 0C4F8A Background



This preview shows how black text looks on a background with the Hex color 0C4F8A.



This preview shows how white text looks on a background with the Hex color 0C4F8A.

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
0C4F8A

Protanopia
334B87

Deuteranopia
134F8A



Tritanopia
00565C

Trichromacy



Original Color
0C4F8A

Protanomaly
254C88

Deuteranomaly
104F8A

Tritanomaly
04536D

Monochromacy



Original Color
0C4F8A

Achromatopsia
424242

Achromatomaly
2E475C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C4F8A 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 #0C4F8A looks like.

```
.text, #text, p{  
    color:#0C4F8A  
}
```

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 #0C4F8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C4F8A
}
```

Border

The CSS property to change the border of an element to Hex 0C4F8A 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
#0C4F8A }
```

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

```
.border{ border-color:#0C4F8A }
```

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

Here you see how a box with a 4 pixel #0C4F8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C4F8A; -webkit-box-shadow:4px 4px  
4px 4px #0C4F8A; box-shadow:4px 4px 4px  
4px #0C4F8A }
```

Background

The CSS property to change the background color of an element to Hex 0C4F8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C4F8A }
```

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

```
.background{ background-color:#0C4F8A }
```

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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