

Converting Colors

Hex(0F49A8)

Have a look what the booklet for
Hex(0F49A8) contains.

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Color

Hex(0F49A8)

Conversions

Conversions Part 1

Format	Color
Hex	0F49A8
RGB	15, 73, 168
RGB Percent	6%, 29%, 66%
CMY	0.9412, 0.7137, 0.3412
CMYK	0.91, 0.57, 0.00, 0.34
HSL	217°, 84%, 36%
HSV	217°, 91%, 66%
XYZ	9.6474, 7.6938, 38.0224
YIQ	66.4880, -65.0630, 17.2490

Conversions

Conversions Part 2

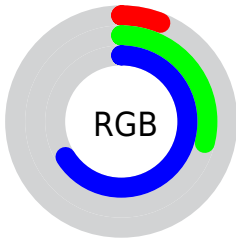
Format	Color
R_{YB}	15, 57, 168
Decimal	1001896
CIE _{Lab}	33.34, 20.58, -55.78
CIE _{LCh}	33, 59.450, 290.250
Yxy	7.6938, 0.1743, 0.1390
Android (android.graphics.Color)	4279191976 (0xFF0F49A8)
YUV	66.4880, 50.0454, -45.1550
Hunter-Lab	27.7377, 13.5430, -61.8573

Details

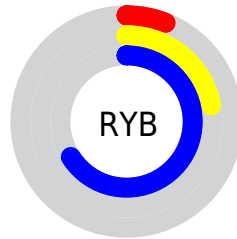
The Hex color **0F49A8** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A86E0F**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **5D79E0**, and **001F73** is the 20% darker color. If you saturate the color by 10%, you get **0040A8**, and if you desaturate by 10%, it is **2053A8**.

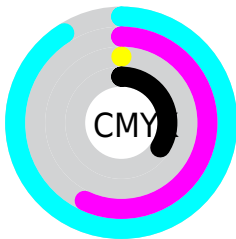
Distribution



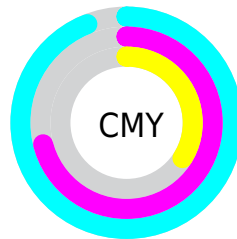
- Red (6%)
- Green (29%)
- Blue (66%)



- Red (6%)
- Yellow (22%)
- Blue (66%)



- Cyan (91%)
- Magenta (57%)
- Yellow (0%)
- Black (34%)



- Cyan (94%)
- Magenta (71%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F49A8 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 0F49A8 by changing the saturation by 10% instead.

0F49A8

0F49A8

FFFFFF

00338D

5D79E0

001F73

7B92FD

00095A

98ADFF

000741

B6C8FF

00032A

D4E4FF

000115

F2FFFF

000000

0F49A8

0F49A8

0040A8

2053A8

■ 315EA8

■ 4168A8

■ 5273A8

■ 637DA8

■ 7488A8

■ 8592A8

■ 959CA8

■ A6A7A8

Harmonies

Analogous

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



0059AC



0F49A8



762E8B

Triad

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



0F49A8



8D2F00



00613D

Complementary

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



0F49A8



A86E0F

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.



005D04



0F49A8



6D4700

Square

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



0F49A8



9E0B31



435600



00626E

Rectangle

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



0F49A8



90166F



435600



00602C

Sweetspot

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



0F49A8



A0B7DB



0FA86D



4B586E



EDEDED



6E6E6E

Same Dimension

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



0F49A8



0053DB



210FA8



4C4F54



003894



000814

Inverse Universe

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



A80F49



DB0053



96A80F



544C4F



940038



140008

Previews

White Background



This preview shows how the Hex color 0F49A8 looks on a white background.

Color Contrast Check

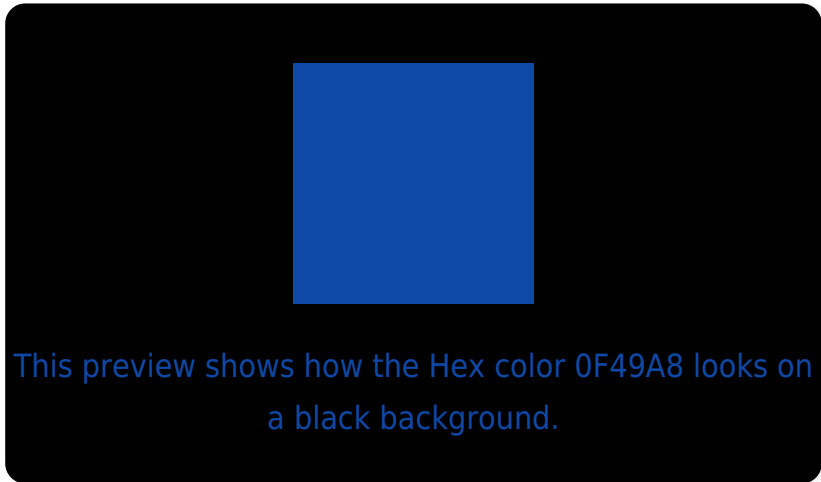
Large Text (above 18pt) WCAG AA ✓ Pass

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

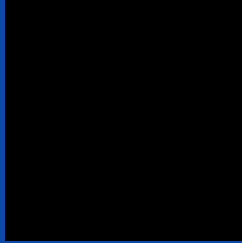
Any Text WCAG AA × Fail

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 0F49A8 Background



This preview shows how black text looks on a background with the Hex color 0F49A8.



This preview shows how white text looks on a background with the Hex color 0F49A8.

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

0F49A8

Protanopia

004BA0

Deuteranopia

00508A



Tritanopia
00575C

Trichromacy



Original Color

0F49A8

Protanomaly

054AA3

Deuteranomaly

054D95

Tritanomaly

055278

Monochromacy



Original Color

0F49A8

Achromatopsia

424242

Achromatomaly

2F4567

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F49A8 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 #0F49A8 looks like.

```
.text, #text, p{  
    color:#0F49A8  
}
```

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 #0F49A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F49A8
}
```

Border

The CSS property to change the border of an element to Hex 0F49A8 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
#0F49A8 }
```

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

```
.border{ border-color:#0F49A8 }
```

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

Here you see how a box with a 4 pixel #0F49A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F49A8; -webkit-box-shadow:4px 4px  
4px 4px #0F49A8; box-shadow:4px 4px 4px  
4px #0F49A8 }
```

Background

The CSS property to change the background color of an element to Hex 0F49A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F49A8 }
```

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

```
.background{ background-color:#0F49A8 }
```

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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