

Converting Colors

Hex(0F84AF)

Have a look what the booklet for
Hex(0F84AF) contains.

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Color

Hex(0F84AF)

Conversions

Conversions Part 1

Format	Color
Hex	0F84AF
RGB	15, 132, 175
RGB Percent	6%, 52%, 69%
CMY	0.9412, 0.4824, 0.3137
CMYK	0.91, 0.25, 0.00, 0.31
HSL	196°, 84%, 37%
HSV	196°, 91%, 69%
XYZ	16.1861, 19.6992, 43.5067
YIQ	101.9190, -83.5350, -11.4310

Conversions

Conversions Part 2

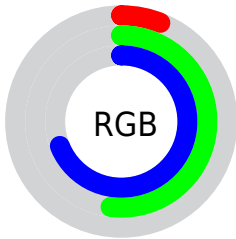
Format	Color
RYB	15, 83, 175
Decimal	1017007
CIELab	51.50, -13.79, -30.94
CIELCh	51, 33.870, 245.983
Yxy	19.6992, 0.2039, 0.2481
Android (android.graphics.Color)	4279207087 (0xFF0F84AF)
YUV	101.9190, 36.0289, -76.2280
Hunter-Lab	44.3838, -12.5753, -27.0496

Details

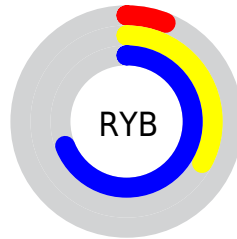
The Hex color **0F84AF** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AF3A0F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5FB9E7**, and **00537A** is the 20% darker color. If you saturate the color by 10%, you get **0080AF**, and if you desaturate by 10%, it is **2189AF**.

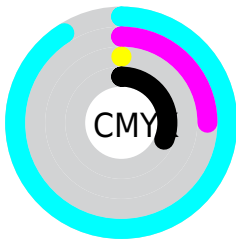
Distribution



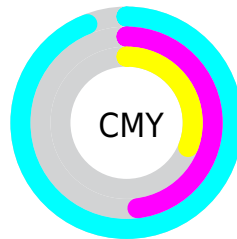
- Red (6%)
- Green (52%)
- Blue (69%)



- Red (6%)
- Yellow (33%)
- Blue (69%)



- Cyan (91%)
- Magenta (25%)
- Yellow (0%)
- Black (31%)



- Cyan (94%)
- Magenta (48%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F84AF 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 0F84AF by changing the saturation by 10% instead.

0F84AF

0F84AF

FFFFFF

006B94

5FB9E7

00537A

7ED5FF

003C61

9BF1FF

002649

B9FFFF

000E32

D7FFFF

00021D

F5FFFF

000000

0F84AF

0F84AF

0080AF

2189AF

■ 328DAF

■ 4492AF

■ 5597AF

■ 669CAF

■ 78A0AF

■ 8AA5AF

■ 9BAAAF

■ ACAEAF

Harmonies

Analogous

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



00899C



0F84AF



587CB4

Triad

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



0F84AF



B26376



69834B

Complementary

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



0F84AF



AF3A0F

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.



877B40



0F84AF



AF675A

Square

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



0F84AF



A46793



A07146



438862

Rectangle

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



0F84AF



7875AF



A07146



738145

Sweetspot

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



0F84AF



A6D2E3



0FAF3A



4E6973



F2F2F2



737373

Same Dimension

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



0F84AF



00A6E3



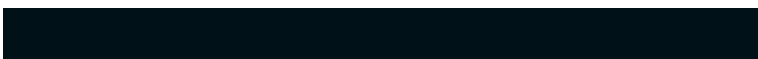
0F34AF



4E5457



006E96



001117

Inverse Universe

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



AF0F84



E300A6



AF8A0F



574E54



96006E



170011

Previews

White Background



This preview shows how the Hex color 0F84AF looks on a white background.

Color Contrast Check

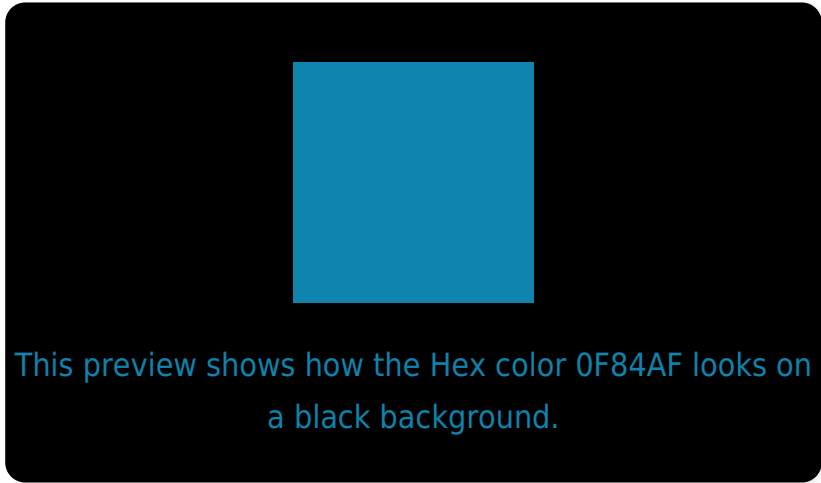
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

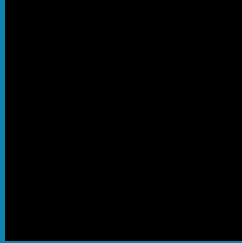
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0F84AF Background



This preview shows how black text looks on a background with the Hex color 0F84AF.

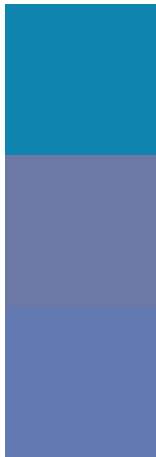


This preview shows how white text looks on a background with the Hex color 0F84AF.

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



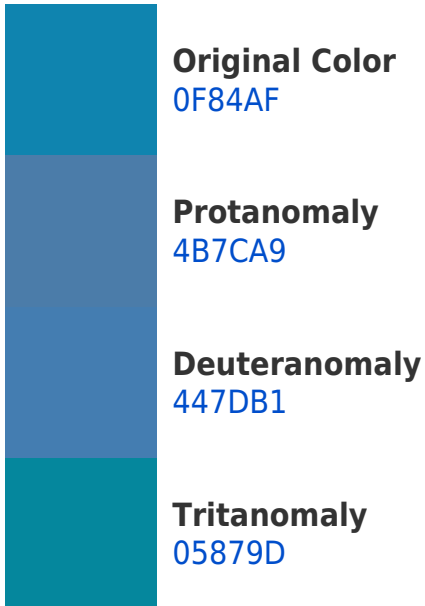
Original Color
0F84AF

Protanopia
6D78A6

Deuteranopia
6379B2



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0F84AF 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 #0F84AF looks like.

```
.text, #text, p{  
    color:#0F84AF  
}
```

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 #0F84AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F84AF
}
```

Border

The CSS property to change the border of an element to Hex 0F84AF 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
#0F84AF }
```

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

```
.border{ border-color:#0F84AF }
```

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

Here you see how a box with a 4 pixel #0F84AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F84AF; -webkit-box-shadow:4px 4px  
4px 4px #0F84AF; box-shadow:4px 4px 4px  
4px #0F84AF }
```

Background

The CSS property to change the background color of an element to Hex 0F84AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F84AF }
```

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

```
.background{ background-color:#0F84AF }
```

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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