

Converting Colors

Hex(0F7BAE)

Have a look what the booklet for
Hex(0F7BAE) contains.

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Color

Hex(0F7BAE)

Conversions

Conversions Part 1

Format	Color
Hex	0F7BAE
RGB	15, 123, 174
RGB Percent	6%, 48%, 68%
CMY	0.9412, 0.5176, 0.3176
CMYK	0.91, 0.29, 0.00, 0.32
HSL	199°, 84%, 37%
HSV	199°, 91%, 68%
XYZ	14.9199, 17.3235, 42.6018
YIQ	96.5220, -80.7390, -7.0350

Conversions

Conversions Part 2

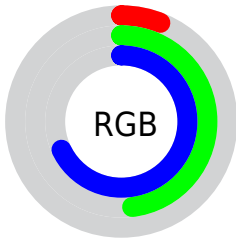
Format	Color
RYB	15, 79, 174
Decimal	1014702
CIELab	48.67, -9.01, -34.79
CIElCh	49, 35.936, 255.482
Yxy	17.3235, 0.1993, 0.2315
Android (android.graphics.Color)	4279204782 (0xFF0F7BAE)
YUV	96.5220, 38.1967, -71.4948
Hunter-Lab	41.6215, -8.8511, -31.5515

Details

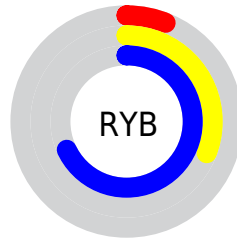
The Hex color **0F7BAE** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **AE420F**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **5EAFE6**, and **004B79** is the 20% darker color. If you saturate the color by 10%, you get **0076AE**, and if you desaturate by 10%, it is **2081AE**.

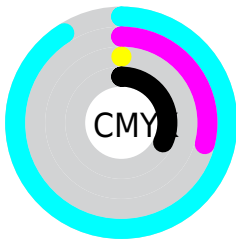
Distribution



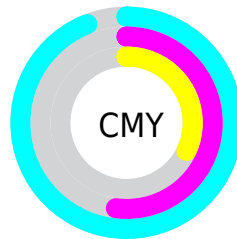
- Red (6%)
- Green (48%)
- Blue (68%)



- Red (6%)
- Yellow (31%)
- Blue (68%)



- Cyan (91%)
- Magenta (29%)
- Yellow (0%)
- Black (32%)



- Cyan (94%)
- Magenta (52%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F7BAE 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 0F7BAE by changing the saturation by 10% instead.

0F7BAE

0F7BAE

FFFFFF

006293

5EAFE6

004B79

7CCBFF

003460

9AE7FF

001F48

B8FFFF

000431

D6FFFF

00011C

F4FFFF

000000

0F7BAE

0F7BAE

0076AE

2081AE

■ 3286AE

■ 438CAE

■ 5591AE

■ 6697AE

■ 779CAE

■ 89A2AE

■ 9AA8AE

■ ACADAE

Harmonies

Analogous

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



00819E



0F7BAE



5E71AE

Triad

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



0F7BAE



AD5B65



547E48

Complementary

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



0F7BAE



AE420F

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.



777737



0F7BAE



A6624A

Square

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



0F7BAE



A55C84



936D38



258263

Rectangle

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



0F7BAE



7E69A5



936D38



617C40

Sweetspot

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



0F7BAE



A6CFE3



0FAE41



4E6773



F2F2F2



737373

Same Dimension

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



0F7BAE



009AE3



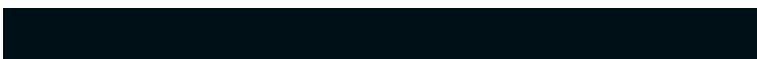
0F2CAE



4E5457



006696



001017

Inverse Universe

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



AE0F7B



E3009A



AE910F



574E54



960066



170010

Previews

White Background



This preview shows how the Hex color 0F7BAE looks on a white background.

Color Contrast Check

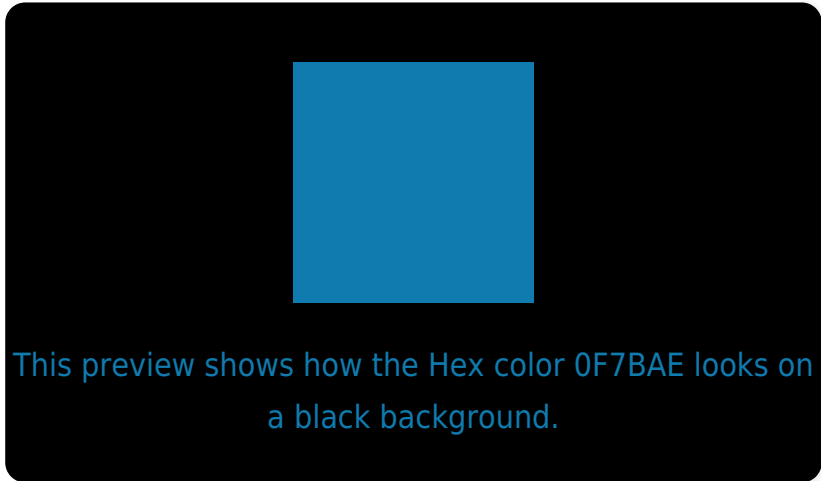
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

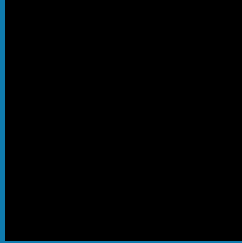
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 0F7BAE Background



This preview shows how black text looks on a background with the Hex color 0F7BAE.

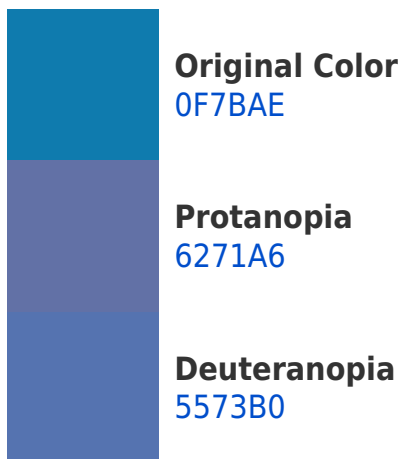


This preview shows how white text looks on a background with the Hex color 0F7BAE.

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





Tritanopia
00808A

Trichromacy



Original Color
0F7BAE

Protanomaly
4475A9

Deuteranomaly
3C76AF

Tritanomaly
057E97

Monochromacy



Original Color
0F7BAE

Achromatopsia
616161

Achromatomaly
436A7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F7BAE 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 #0F7BAE looks like.

```
.text, #text, p{  
    color:#0F7BAE  
}
```

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 #0F7BAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F7BAE
}
```

Border

The CSS property to change the border of an element to Hex 0F7BAE 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
#0F7BAE }
```

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

```
.border{ border-color:#0F7BAE }
```

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

Here you see how a box with a 4 pixel #0F7BAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F7BAE; -webkit-box-shadow:4px 4px  
4px 4px #0F7BAE; box-shadow:4px 4px 4px  
4px #0F7BAE }
```

Background

The CSS property to change the background color of an element to Hex 0F7BAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F7BAE }
```

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

```
.background{ background-color:#0F7BAE }
```

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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