

Converting Colors

Hex(0F6FA6)

Have a look what the booklet for
Hex(0F6FA6) contains.

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Color

Hex(0F6FA6)

Conversions

Conversions Part 1

Format	Color
Hex	0F6FA6
RGB	15, 111, 166
RGB Percent	6%, 44%, 65%
CMY	0.9412, 0.5647, 0.3490
CMYK	0.91, 0.33, 0.00, 0.35
HSL	202°, 83%, 35%
HSV	202°, 91%, 65%
XYZ	12.7644, 14.2236, 38.1491
YIQ	88.5660, -74.8710, -3.2470

Conversions

Conversions Part 2

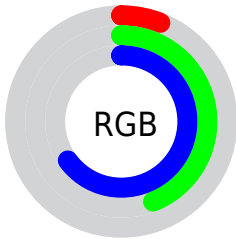
Format	Color
RYB	15, 74, 166
Decimal	1011622
CIELab	44.55, -4.95, -36.60
CIELCh	45, 36.929, 262.296
Yxy	14.2236, 0.1960, 0.2184
Android (android.graphics.Color)	4279201702 (0xFF0F6FA6)
YUV	88.5660, 38.1750, -64.5174
Hunter-Lab	37.7142, -5.5865, -33.5737

Details

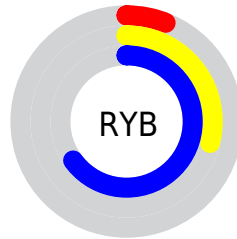
The Hex color **0F6FA6** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A6460F**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **5CA2DD**, and **004072** is the 20% darker color. If you saturate the color by 10%, you get **006AA6**, and if you desaturate by 10%, it is **2075A6**.

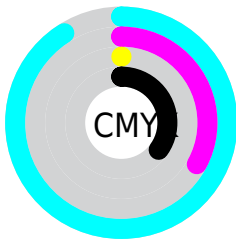
Distribution



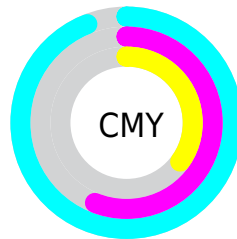
- Red (6%)
- Green (44%)
- Blue (65%)



- Red (6%)
- Yellow (29%)
- Blue (65%)



- Cyan (91%)
- Magenta (33%)
- Yellow (0%)
- Black (35%)



- Cyan (94%)
- Magenta (56%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F6FA6 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 0F6FA6 by changing the saturation by 10% instead.

0F6FA6

0F6FA6

FFFFFF

00578B

5CA2DD

004072

7ABDFA

002A59

97D9FF

001641

B4F6FF

00032B

D2FFFF

000115

F0FFFF

000000

0F6FA6

0F6FA6

006AA6

2075A6

■ 307BA6

■ 4181A6

■ 5187A6

■ 628DA6

■ 7393A6

■ 8399A6

■ 949FA6

■ A4A5A6

Harmonies

Analogous

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



007699



0F6FA6



5F64A2

Triad

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



0F6FA6



A35154



407542

Complementary

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



0F6FA6



A660F

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.



656F2E



0F6FA6



985A3A

Square

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



0F6FA6



9E5073



82652B



007860

Rectangle

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



0F6FA6



7C5C97



82652B



4D733A

Sweetspot

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



0F6FA6



9EC3D9



0FA644



4B616E



EDEDED



6E6E6E

Same Dimension

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



0F6FA6



008AD9



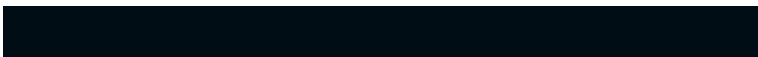
0F26A6



4C5154



005E94



000D14

Inverse Universe

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



A60F6F



D9008A



A68F0F



544C51



94005E



14000D

Previews

White Background



This preview shows how the Hex color 0F6FA6 looks on a white background.

Color Contrast Check

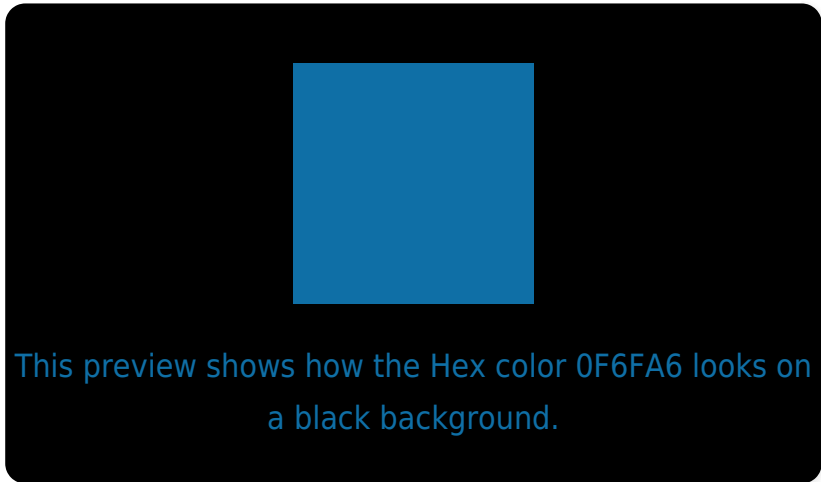
Large Text (above 18pt) WCAG AA ✓ Pass

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

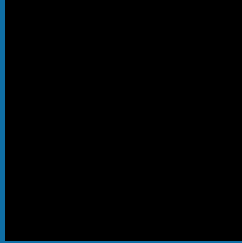
Any Text WCAG AA × Fail

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 0F6FA6 Background



This preview shows how black text looks on a background with the Hex color 0F6FA6.



This preview shows how white text looks on a background with the Hex color 0F6FA6.

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
00757D

Trichromacy



Original Color
0F6FA6

Protanomaly
3C6AA2

Deuteranomaly
316BA7

Tritanomaly
05738C

Monochromacy



Original Color
0F6FA6

Achromatopsia
595959

Achromatomaly
3E6175

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F6FA6 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 #0F6FA6 looks like.

```
.text, #text, p{  
    color:#0F6FA6  
}
```

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 #0F6FA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F6FA6
}
```

Border

The CSS property to change the border of an element to Hex 0F6FA6 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
#0F6FA6 }
```

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

```
.border{ border-color:#0F6FA6 }
```

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

Here you see how a box with a 4 pixel #0F6FA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F6FA6; -webkit-box-shadow:4px 4px  
4px 4px #0F6FA6; box-shadow:4px 4px 4px  
4px #0F6FA6 }
```

Background

The CSS property to change the background color of an element to Hex 0F6FA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F6FA6 }
```

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

```
.background{ background-color:#0F6FA6 }
```

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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