

Converting Colors

Hex(0F5B82)

Have a look what the booklet for
Hex(0F5B82) contains.

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Color

Hex(0F5B82)

Conversions

Conversions Part 1

Format	Color
Hex	0F5B82
RGB	15, 91, 130
RGB Percent	6%, 36%, 51%
CMY	0.9412, 0.6431, 0.4902
CMYK	0.88, 0.30, 0.00, 0.49
HSL	200°, 79%, 28%
HSV	200°, 88%, 51%
XYZ	7.9674, 9.1954, 22.4741
YIQ	72.7220, -57.8150, -3.9830

Conversions

Conversions Part 2

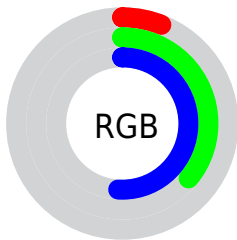
Format	Color
RYB	15, 61, 130
Decimal	1006466
CIELab	36.36, -6.86, -27.92
CIElCh	36, 28.754, 256.205
Yxy	9.1954, 0.2010, 0.2320
Android (android.graphics.Color)	4279196546 (0xFF0F5B82)
YUV	72.7220, 28.2381, -50.6222
Hunter-Lab	30.3240, -6.1677, -22.7149

Details

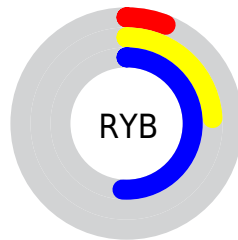
The Hex color **0F5B82** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **82360F**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **528DB7**, and **002E50** is the 20% darker color. If you saturate the color by 10%, you get **025782**, and if you desaturate by 10%, it is **1C5F82**.

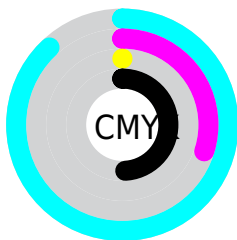
Distribution



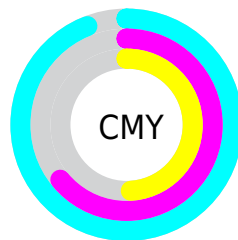
- Red (6%)
- Green (36%)
- Blue (51%)



- Red (6%)
- Yellow (24%)
- Blue (51%)



- Cyan (88%)
- Magenta (30%)
- Yellow (0%)
- Black (49%)



- Cyan (94%)
- Magenta (64%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F5B82 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 0F5B82 by changing the saturation by 10% instead.



0F5B82



0F5B82

FFFFFF



004469



528DB7



002E50



6EA7D3



001939



8AC2EF



000223



A6DEFF



00000B



C3FBFF



000000



E0FFFF



FEFFFF



0F5B82



0F5B82

■ 025782

■ 1C5F82

■ 005682

■ 296482

■ 366882

■ 436D82

■ 507182

■ 5D7582

■ 6A7A82

■ 777E82

■ 848382

Harmonies

Analogous

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



006076



0F5B82



465482

Triad

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



0F5B82



81434A



3D5E35

Complementary

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



0F5B82



82360F

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.



575828



0F5B82



7C4835

Square

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



0F5B82



7B4461



6D5028



19614A

Rectangle

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



0F5B82



5E4E7B



6D5028



475C2F

Sweetspot

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



0F5B82



7B99A8



0F8235



394B54



D4D4D4



545454

Same Dimension

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



0F5B82



006FA8



0F2282



393E40



005480



000000

Inverse Universe

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



820F5B



A8006F



826F0F



40393E



800054



000000

Previews

White Background



This preview shows how the Hex color 0F5B82 looks on a white background.

Color Contrast Check

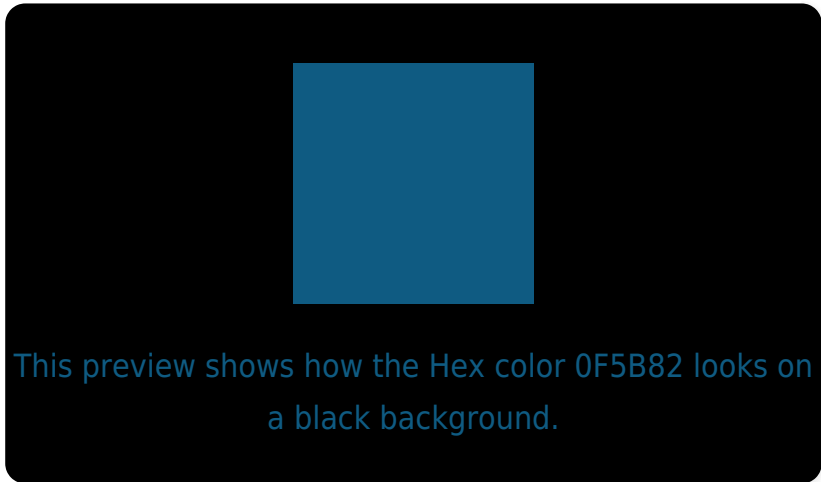
Large Text (above 18pt) WCAG AA ✓ Pass

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

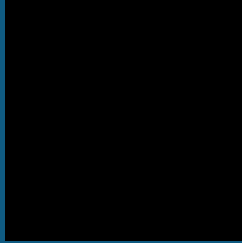
Any Text WCAG AA × Fail

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 0F5B82 Background



This preview shows how black text looks on a background with the Hex color 0F5B82.

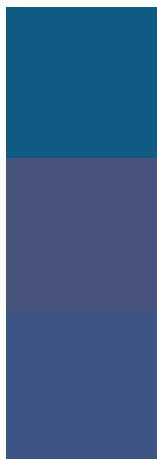


This preview shows how white text looks on a background with the Hex color 0F5B82.

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
0F5B82

Protanopia
48547C

Deuteranopia
3E5583



Tritanopia
005F66

Trichromacy



Original Color
0F5B82

Protanomaly
33577E

Deuteranomaly
2D5783

Tritanomaly
055E70

Monochromacy



Original Color
0F5B82

Achromatopsia
494949

Achromatomaly
34505E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F5B82 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 #0F5B82 looks like.

```
.text, #text, p{  
    color:#0F5B82  
}
```

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 #0F5B82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F5B82
}
```

Border

The CSS property to change the border of an element to Hex 0F5B82 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
#0F5B82 }
```

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

```
.border{ border-color:#0F5B82 }
```

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

Here you see how a box with a 4 pixel #0F5B82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F5B82; -webkit-box-shadow:4px 4px  
4px 4px #0F5B82; box-shadow:4px 4px 4px  
4px #0F5B82 }
```

Background

The CSS property to change the background color of an element to Hex 0F5B82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F5B82 }
```

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

```
.background{ background-color:#0F5B82 }
```

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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