

Converting Colors

Hex(006F95)

Have a look what the booklet for
Hex(006F95) contains.

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Color

Hex(006F95)

Conversions

Conversions Part 1

Format	Color
Hex	006F95
RGB	0, 111, 149
RGB Percent	0%, 44%, 58%
CMY	1.0000, 0.5647, 0.4157
CMYK	1.00, 0.26, 0.00, 0.42
HSL	195°, 100%, 29%
HSV	195°, 100%, 58%
XYZ	11.1093, 13.5388, 30.4615
YIQ	82.1430, -78.3540, -11.7140

Conversions

Conversions Part 2

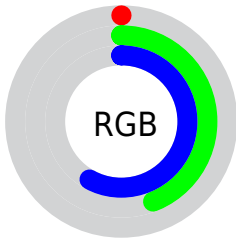
Format	Color
RYB	0, 64, 149
Decimal	28565
CIELab	43.56, -12.28, -28.11
CIELCh	44, 30.673, 246.408
Yxy	13.5388, 0.2016, 0.2457
Android (android.graphics.Color)	4278218645 (0xFF006F95)
YUV	82.1430, 32.9605, -72.0394
Hunter-Lab	36.7951, -10.4984, -23.3277

Details

The Hex color **006F95** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **952600**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **54A3CB**, and **003F62** is the 20% darker color. If you saturate the color by 10%, you get **006F95**, and if you desaturate by 10%, it is **0F7395**.

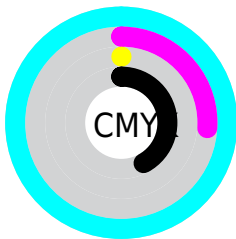
Distribution



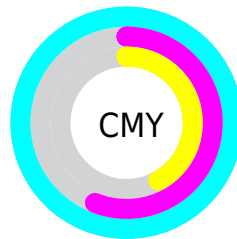
- Red (0%)
- Green (44%)
- Blue (58%)



- Red (0%)
- Yellow (25%)
- Blue (58%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (56%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006F95 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 006F95 by changing the saturation by 10% instead.

■ 006F95

■ 006F95

FFFFFF

■ 00577B

■ 54A3CB

■ 003F62

■ 71BEE8

■ 00294A

■ 8ED9FF

■ 001633

■ ABF6FF

■ 00021E

■ C9FFFF

■ 000000

■ E6FFFF

■ 006F95

■ 0F7395

■ 1E7795

■ 2D7A95

■ 3C7E95

■ 4B8295

■ 598695

■ 688A95

■ 778D95

■ 869195

Harmonies

Analogous

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



007384



006F95



486899

Triad

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



006F95



975262



566E3D

Complementary

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



006F95



952600

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.



726733



006F95



95564A

Square

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



006F95



8B567C



875E39



357352

Rectangle

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



006F95



656194



875E39



606C38

Sweetspot

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



006F95



88B3C2



009525



3E5861



E0E0E0



616161

Same Dimension

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



006F95



0090C2



002595



43484A



00678A



00080A

Inverse Universe

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



95006F



C20090



957000



4A4348



8A0067



0A0008

Previews

White Background



This preview shows how the Hex color 006F95 looks on a white background.

Color Contrast Check

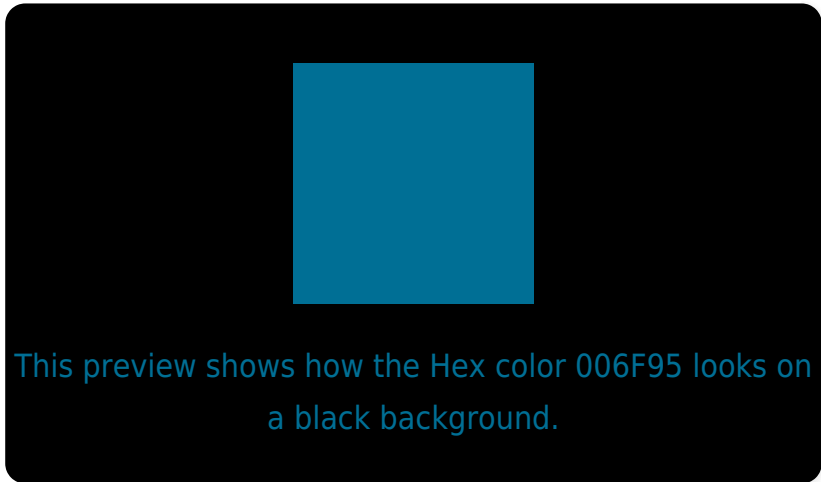
Large Text (above 18pt) WCAG AA ✓ Pass

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

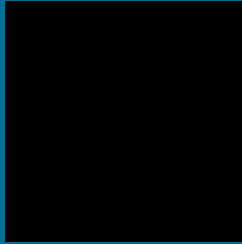
Any Text WCAG AA × Fail

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 006F95 Background



This preview shows how black text looks on a background with the Hex color 006F95.



This preview shows how white text looks on a background with the Hex color 006F95.

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](#).

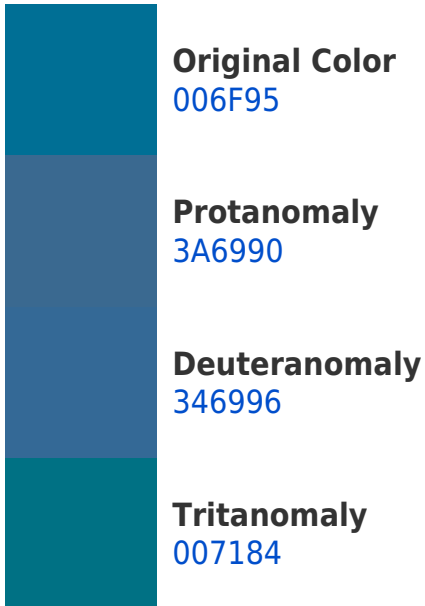
Dichromacy



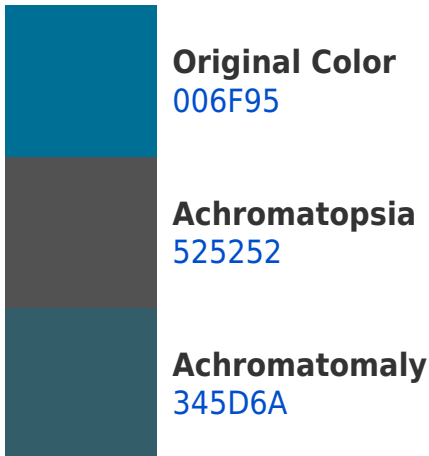


Tritanopia
00727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 006F95 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 #006F95 looks like.

```
.text, #text, p{  
    color:#006F95  
}
```

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 #006F95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006F95
}
```

Border

The CSS property to change the border of an element to Hex 006F95 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
#006F95 }
```

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

```
.border{ border-color:#006F95 }
```

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

Here you see how a box with a 4 pixel #006F95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006F95; -webkit-box-shadow:4px 4px  
4px 4px #006F95; box-shadow:4px 4px 4px  
4px #006F95 }
```

Background

The CSS property to change the background color of an element to Hex 006F95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006F95 }
```

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

```
.background{ background-color:#006F95 }
```

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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