

# Converting Colors

Hex(056F8F)

Have a look what the booklet for  
Hex(056F8F) contains.

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# Color

**Hex(056F8F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	056F8F
RGB	5, 111, 143
RGB Percent	2%, 44%, 56%
CMY	0.9804, 0.5647, 0.4392
CMYK	0.97, 0.22, 0.00, 0.44
HSL	194°, 93%, 29%
HSV	194°, 97%, 56%
XYZ	10.7050, 13.3843, 28.0058
YIQ	82.9540, -73.4480, -12.5200

# Conversions

## Conversions Part 2

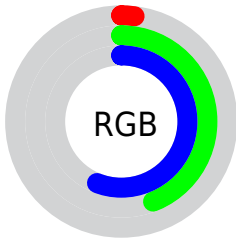
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 65, 143
Decimal	356239
CIELab	43.34, -14.30, -24.89
CIELCh	43, 28.702, 240.123
Yxy	13.3843, 0.2055, 0.2569
Android (android.graphics.Color)	4278546319 (0xFF056F8F)
YUV	82.9540, 29.6027, -68.3657
Hunter-Lab	36.5846, -11.7924, -19.7778

# Details

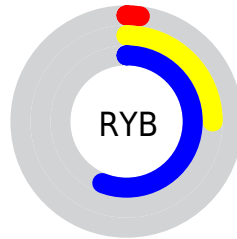
The Hex color **056F8F** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8F2505**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **54A3C5**, and **003F5D** is the 20% darker color. If you saturate the color by 10%, you get **006E8F**, and if you desaturate by 10%, it is **13728F**.

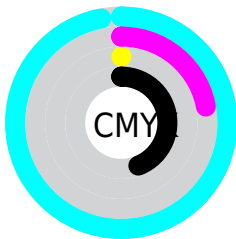
# Distribution



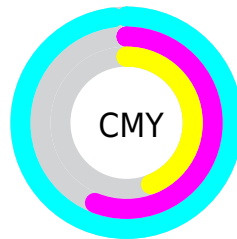
- Red (2%)
- Green (44%)
- Blue (56%)



- Red (2%)
- Yellow (25%)
- Blue (56%)



- Cyan (97%)
- Magenta (22%)
- Yellow (0%)
- Black (44%)



- Cyan (98%)
- Magenta (56%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 056F8F 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 056F8F by changing the saturation by 10% instead.



056F8F

056F8F

FFFFFF

005775

54A3C5

003F5D

71BEE1

002945

8EDAFE

00162E

ABF6FF

000119

C8FFFF

000000

E5FFFF

056F8F

056F8F

006E8F

13728F

■ 22768F

■ 30798F

■ 3E7C8F

■ 4D808F

■ 5B838F

■ 69868F

■ 778A8F

■ 868D8F

# Harmonies

## Analogous

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



00727D



056F8F



426996

# Triad

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



056F8F



925367



5D6C3C

# Complementary

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



056F8F



8F2505

# 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.



756536



056F8F



935650

# Square

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



056F8F



84587E



885D3E



40714E

# Rectangle

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



056F8F



5D6393



885D3E



666A39



# Sweetspot

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



056F8F



84AEBA



058F23



3D575E



DEDEDE



5E5E5E



# Same Dimension

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



056F8F



008FBA



052C8F



404647



006887



000608



# Inverse Universe

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



8F056F



BA008F



8F6805



474046



870068



080006



# Previews

## White Background



This preview shows how the Hex color 056F8F looks on a white background.

### Color Contrast Check

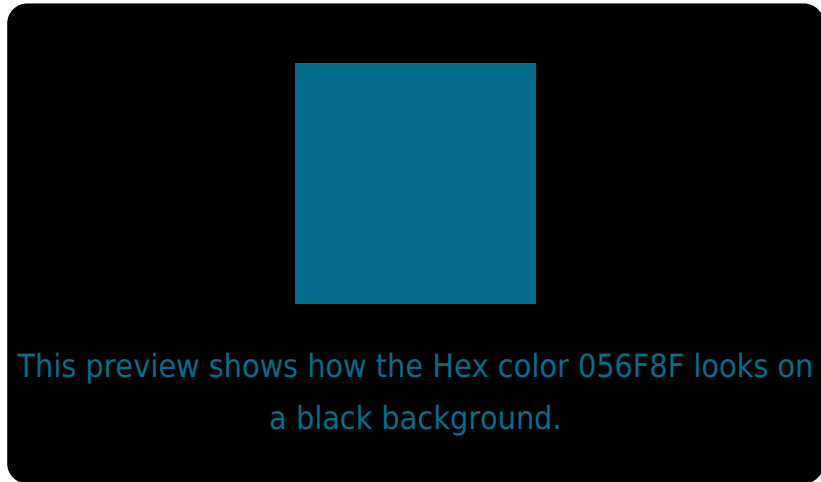
Large Text (above 18pt) WCAG AA ✓ Pass

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

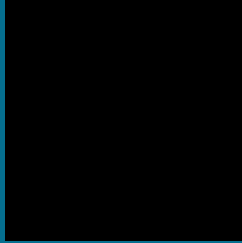
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 056F8F Background



This preview shows how black text looks on a background with the Hex color 056F8F.

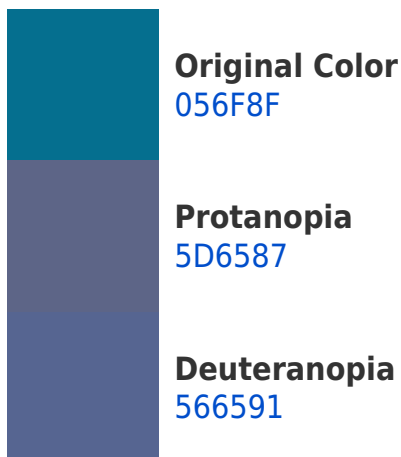


This preview shows how white text looks on a background with the Hex color 056F8F.

# 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**  
00727A

# Trichromacy



**Original Color**  
056F8F

**Protanomaly**  
3D698A

**Deuteranomaly**  
396990

**Tritanomaly**  
027182

# Monochromacy



**Original Color**  
056F8F

**Achromatopsia**  
535353

**Achromatomaly**  
375D69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 056F8F 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 #056F8F looks like.

```
.text, #text, p{  
    color:#056F8F  
}
```

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 #056F8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #056F8F
}
```

## Border

The CSS property to change the border of an element to Hex 056F8F 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
#056F8F }
```

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

```
.border{ border-color:#056F8F }
```

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

Here you see how a box with a 4 pixel #056F8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #056F8F; -webkit-box-shadow:4px 4px  
4px 4px #056F8F; box-shadow:4px 4px 4px  
4px #056F8F }
```

# Background

The CSS property to change the background color of an element to Hex 056F8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#056F8F }
```

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

```
.background{ background-color:#056F8F }
```

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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