

# Converting Colors

Hex(075F87)

Have a look what the booklet for  
Hex(075F87) contains.

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# Color

Hex(075F87)

# Conversions

## Conversions Part 1

Format	Color
Hex	075F87
RGB	7, 95, 135
RGB Percent	3%, 37%, 53%
CMY	0.9725, 0.6275, 0.4706
CMYK	0.95, 0.30, 0.00, 0.47
HSL	199°, 90%, 28%
HSV	199°, 95%, 53%
XYZ	8.5530, 9.9789, 24.3970
YIQ	73.2480, -65.2880, -6.2160

# Conversions

## Conversions Part 2

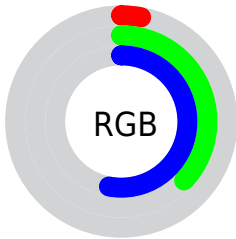
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 59, 135
Decimal	483207
CIELab	37.80, -7.86, -28.71
CIELCh	38, 29.765, 254.696
Yxy	9.9789, 0.1992, 0.2325
Android (android.graphics.Color)	4278673287 (0xFF075F87)
YUV	73.2480, 30.4437, -58.0995
Hunter-Lab	31.5893, -6.9514, -23.6782

# Details

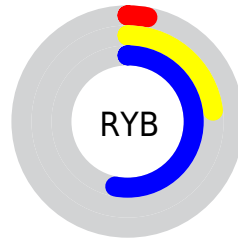
The Hex color **075F87** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **872F07**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5191BC**, and **003155** is the 20% darker color. If you saturate the color by 10%, you get **005D87**, and if you desaturate by 10%, it is **156387**.

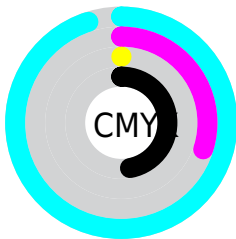
# Distribution



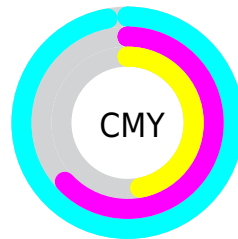
- Red (3%)
- Green (37%)
- Blue (53%)



- Red (3%)
- Yellow (23%)
- Blue (53%)



- Cyan (95%)
- Magenta (30%)
- Yellow (0%)
- Black (47%)



- Cyan (97%)
- Magenta (63%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 075F87 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 075F87 by changing the saturation by 10% instead.



■ 075F87

■ 075F87

FFFFFF

■ 00476E

■ 5191BC

■ 003155

■ 6EACD8

■ 001D3D

■ 8AC7F5

■ 000328

■ A6E3FF

■ 000111

■ C3FFFF

■ 000000

■ E0FFFF

FEFFFF

■ 075F87

■ 075F87

■ 005D87

■ 156387

■ 226787

■ 306C87

■ 3D7087

■ 4B7487

■ 587887

■ 667D87

■ 738187

■ 818587

# Harmonies

## Analogous

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



00647A



075F87



475787

# Triad

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



075F87



87454E



416136

# Complementary

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



075F87



872F07

# 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.



5C5B29



075F87



814B38

# Square

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



075F87



7F4766



72532A



1C654B

# Rectangle

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



075F87



605181



72532A



4B6030



# Sweetspot

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



075F87



7FA1B0



07872D



3B5059



D9D9D9



595959



# Same Dimension

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



075F87



0079B0



072187



3C4042



005982



000203



# Inverse Universe

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



87075F



B00079



876D07



423C40



820059



030002



# Previews

## White Background



This preview shows how the Hex color 075F87 looks on a white background.

## Color Contrast Check

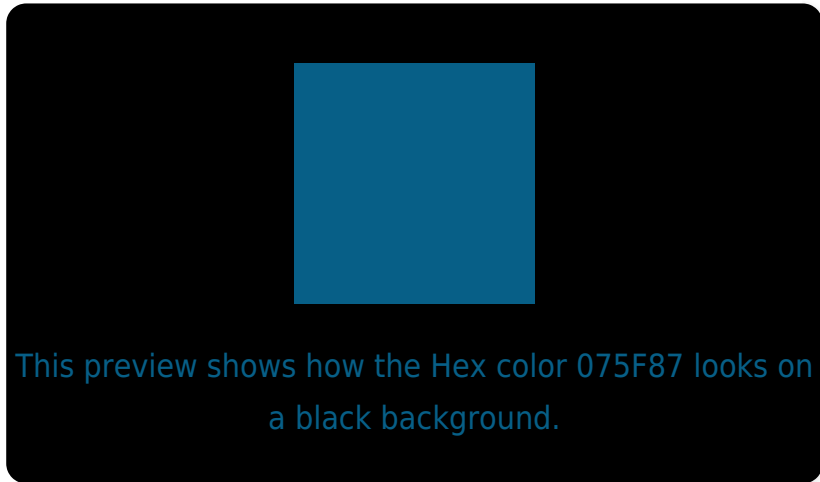
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Any Text WCAG AA × Fail

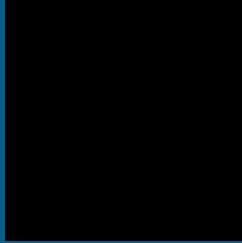
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 075F87 Background



This preview shows how black text looks on a background with the Hex color 075F87.

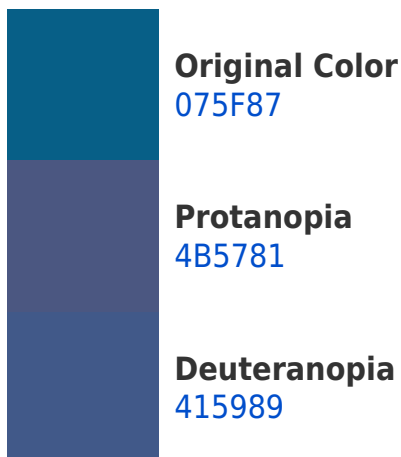


This preview shows how white text looks on a background with the Hex color 075F87.

# 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](#).

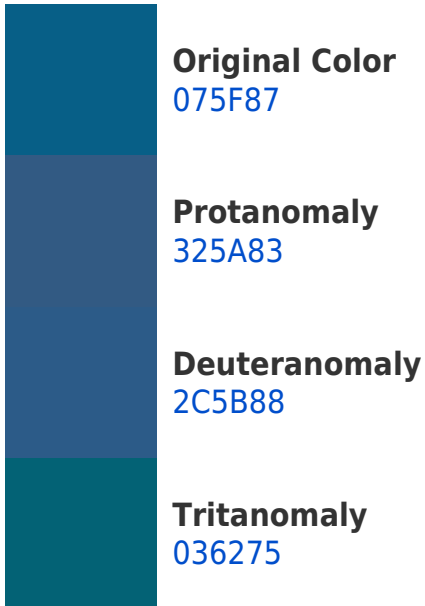
## Dichromacy





**Tritanopia**  
00636A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 075F87 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 #075F87 looks like.

```
.text, #text, p{  
    color:#075F87  
}
```

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 #075F87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #075F87
}
```

## Border

The CSS property to change the border of an element to Hex 075F87 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
#075F87 }
```

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

```
.border{ border-color:#075F87 }
```

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

Here you see how a box with a 4 pixel #075F87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #075F87; -webkit-box-shadow:4px 4px  
4px 4px #075F87; box-shadow:4px 4px 4px  
4px #075F87 }
```

# Background

The CSS property to change the background color of an element to Hex 075F87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#075F87 }
```

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

```
.background{ background-color:#075F87 }
```

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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