

# Converting Colors

Hex(085F5F)

Have a look what the booklet for  
Hex(085F5F) contains.

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# Color

**Hex(085F5F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	085F5F
RGB	8, 95, 95
RGB Percent	3%, 37%, 37%
CMY	0.9686, 0.6275, 0.6275
CMYK	0.92, 0.00, 0.00, 0.63
HSL	180°, 84%, 20%
HSV	180°, 92%, 37%
XYZ	6.2579, 9.0623, 12.2458
YIQ	68.9870, -51.8520, -18.4440

# Conversions

## Conversions Part 2

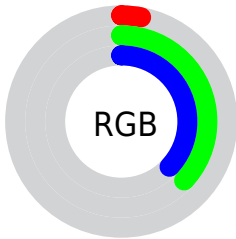
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 52, 95
Decimal	548703
CIELab	36.10, -22.69, -6.71
CIELCh	36, 23.657, 196.466
Yxy	9.0623, 0.2270, 0.3287
Android (android.graphics.Color)	4278738783 (0xFF085F5F)
YUV	68.9870, 12.8244, -53.4856
Hunter-Lab	30.1036, -15.5749, -3.0461

# Details

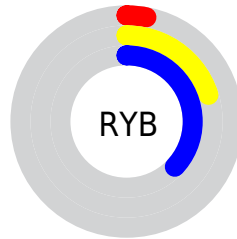
The Hex color **085F5F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5F0808**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **499291**, and **003031** is the 20% darker color. If you saturate the color by 10%, you get **005F5F**, and if you desaturate by 10%, it is **125F5F**.

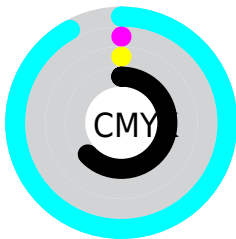
# Distribution



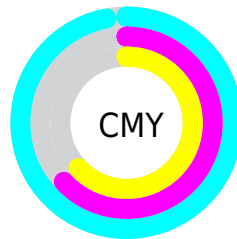
- Red (3%)
- Green (37%)
- Blue (37%)



- Red (3%)
- Yellow (20%)
- Blue (37%)



- Cyan (92%)
- Magenta (0%)
- Yellow (0%)
- Black (63%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 085F5F 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 085F5F by changing the saturation by 10% instead.



 085F5F

 085F5F

FFFFFF

 004747

 499291

 003031

 65ADAC

 001D1C

 80C8C7

 000000

 9BE4E3

 B7FFFF

 D4FFFF

 F1FFFF

 085F5F

 085F5F

■ 005F5F

■ 125F5F

■ 1B5F5F

■ 255F5F

■ 2E5F5F

■ 385F5F

■ 415F5F

■ 4B5F5F

■ 545F5F

■ 5E5F5F

# Harmonies

## Analogous

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



295E4B



085F5F



015D70

# Triad

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



085F5F



644C6F



695130

# Complementary

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



085F5F



5F0808

# 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.



754A3A



085F5F



74475E

# Square

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



085F5F



4A5379



7A464B



575730

# Rectangle

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



085F5F



1C5B77



7A464B



6E4F32



# Sweetspot

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



085F5F



597A7A



085F08



2A3D3D



BDBDBD



3D3D3D



# Same Dimension

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



085F5F



007A7A



08335F



2C3030



007070



00F0F0



# Inverse Universe

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



5F085F



7A007A



5F3308



302C30



700070



F000F0



# Previews

## White Background



This preview shows how the Hex color 085F5F looks on a white background.

## Color Contrast Check

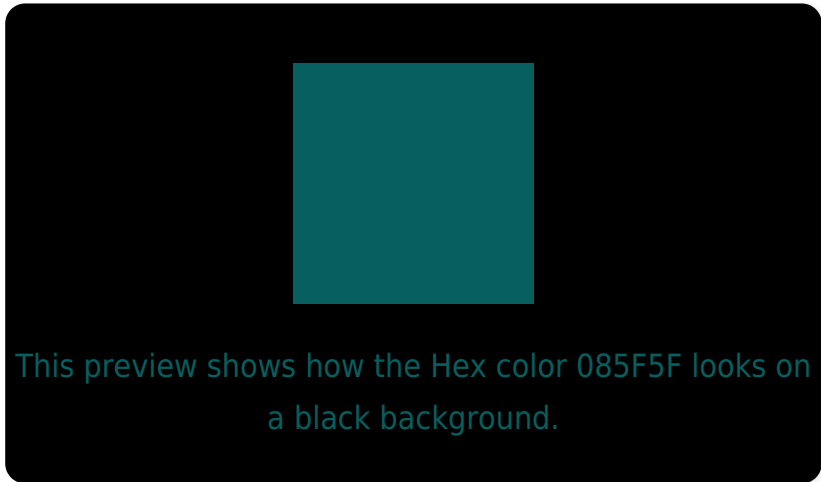
Large Text (above 18pt) WCAG AA ✓ Pass

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

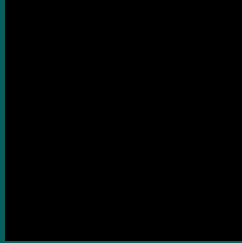
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 085F5F Background



This preview shows how black text looks on a background with the Hex color 085F5F.

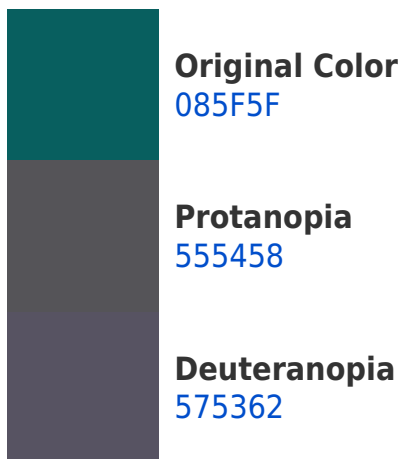



This preview shows how white text looks on a background with the Hex color 085F5F.

# 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](#).

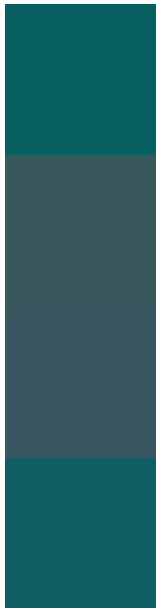
## Dichromacy





**Tritanopia**  
135E66

# Trichromacy



**Original Color**  
085F5F

**Protanomaly**  
39585B

**Deuteranomaly**  
3A5761

**Tritanomaly**  
0F5E63

# Monochromacy



**Original Color**  
085F5F

**Achromatopsia**  
454545

**Achromatomaly**  
2F4E4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 085F5F 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 #085F5F looks like.

```
.text, #text, p{  
    color:#085F5F  
}
```

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 #085F5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #085F5F
}
```

## Border

The CSS property to change the border of an element to Hex 085F5F 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
#085F5F }
```

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

```
.border{ border-color:#085F5F }
```

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

Here you see how a box with a 4 pixel #085F5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #085F5F; -webkit-box-shadow:4px 4px  
4px 4px #085F5F; box-shadow:4px 4px 4px  
4px #085F5F }
```

# Background

The CSS property to change the background color of an element to Hex 085F5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#085F5F }
```

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

```
.background{ background-color:#085F5F }
```

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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