

# Converting Colors

Hex(05855E)

Have a look what the booklet for  
Hex(05855E) contains.

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# Color

Hex(05855E)

# Conversions

## Conversions Part 1

Format	Color
Hex	05855E
RGB	5, 133, 94
RGB Percent	2%, 52%, 37%
CMY	0.9804, 0.4784, 0.6314
CMYK	0.96, 0.00, 0.29, 0.48
HSL	162°, 93%, 27%
HSV	162°, 96%, 52%
XYZ	10.4705, 17.6155, 13.4379
YIQ	90.2820, -63.7690, -39.2650

# Conversions

## Conversions Part 2

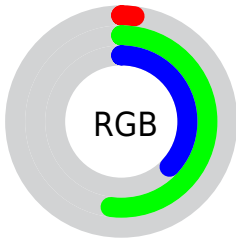
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 81, 133
Decimal	361822
CIELab	49.03, -40.60, 12.54
CIELCh	49, 42.490, 162.837
Yxy	17.6155, 0.2522, 0.4242
Android (android.graphics.Color)	4278551902 (0xFF05855E)
YUV	90.2820, 1.8330, -74.7923
Hunter-Lab	41.9708, -28.9183, 10.3964

# Details

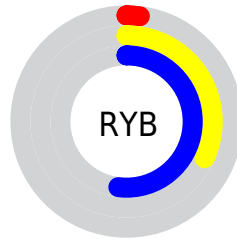
The Hex color **05855E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **85052C**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **52BB90**, and **005230** is the 20% darker color. If you saturate the color by 10%, you get **00855C**, and if you desaturate by 10%, it is **128562**.

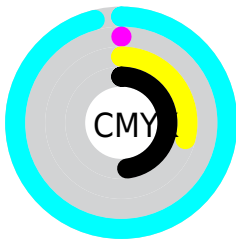
# Distribution



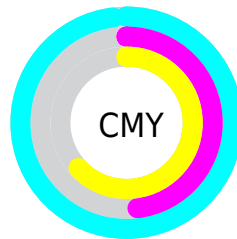
- Red (2%)
- Green (52%)
- Blue (37%)



- Red (2%)
- Yellow (32%)
- Blue (52%)



- Cyan (96%)
- Magenta (0%)
- Yellow (29%)
- Black (48%)



- Cyan (98%)
- Magenta (48%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 05855E 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 05855E by changing the saturation by 10% instead.



 05855E

 05855E

FFFFFF

 006B46


 52BB90

 005230

 6FD7AB

 003A1B

 8BF4C6

 002501

 A8FFE2

 000000

 C5FFFF

 E2FFFF

 05855E

 05855E

 00855C

 128562

■ 208566

■ 2D856A

■ 3A856E

■ 488572

■ 558576

■ 62857A

■ 6F857E

■ 7D8582

# Harmonies

## Analogous

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



52803D



05855E



008683

# Triad

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



05855E



5173BB



B05E45

# Complementary

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



05855E



85052C

# 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.



B75566



05855E



8B65AA

# Square

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



05855E



007EB9



AC588B



9A6B2E

# Rectangle

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



05855E



00869A



AC588B



B45A4F



# Sweetspot

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



05855E



7BAD9E



2E8505



38574D



D6D6D6



575757



# Same Dimension

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



05855E



00AD79



056E85



3C4240



00825A



000302



# Inverse Universe

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



85052C



AD0035



851C05



423C3E



820028



030001



# Previews

## White Background



This preview shows how the Hex color 05855E looks on a white background.

## Color Contrast Check

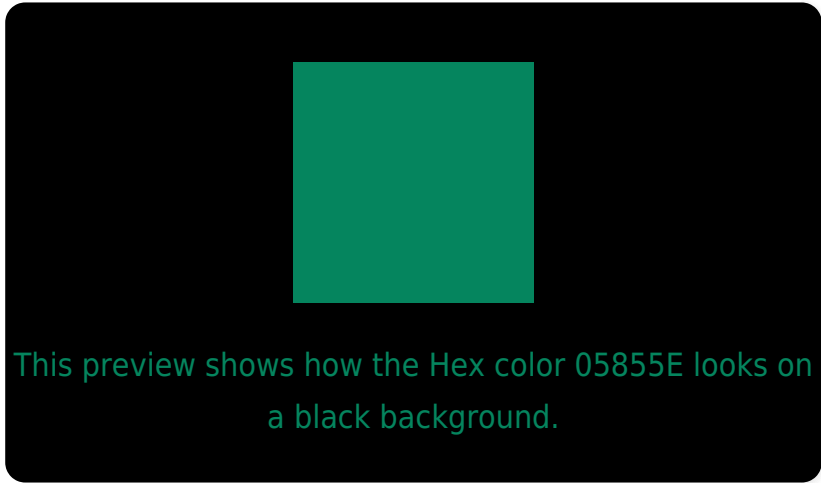
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 05855E Background



This preview shows how black text looks on a background with the Hex color 05855E.



This preview shows how white text looks on a background with the Hex color 05855E.

# 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**  
05855E

**Protanopia**  
7C7456

**Deuteranopia**  
857063



**Tritanopia**  
2D7F8A

# Trichromacy



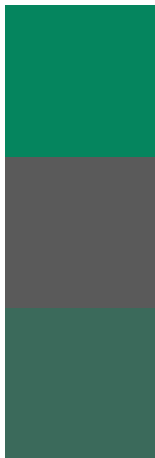
**Original Color**  
05855E

**Protanomaly**  
517A59

**Deuteranomaly**  
567861

**Tritanomaly**  
1E817A

# Monochromacy



**Original Color**  
05855E

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
3B6A5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 05855E 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 #05855E looks like.

```
.text, #text, p{  
    color:#05855E  
}
```

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 #05855E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05855E
}
```

## Border

The CSS property to change the border of an element to Hex 05855E is called "border". The border property can be set on classes, ids or directly on the HTML element.

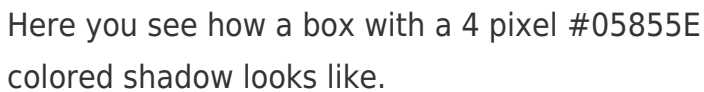
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#05855E }
```

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

```
.border{ border-color:#05855E }
```

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



Here you see how a box with a 4 pixel #05855E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05855E; -webkit-box-shadow:4px 4px  
4px 4px #05855E; box-shadow:4px 4px 4px  
4px #05855E }
```

# Background

The CSS property to change the background color of an element to Hex 05855E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05855E }
```

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

```
.background{ background-color:#05855E }
```

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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