

# Converting Colors

Hex(06655E)

Have a look what the booklet for  
Hex(06655E) contains.

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# Color

**Hex(06655E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	06655E
RGB	6, 101, 94
RGB Percent	2%, 40%, 37%
CMY	0.9765, 0.6039, 0.6314
CMYK	0.94, 0.00, 0.07, 0.60
HSL	176°, 89%, 21%
HSV	176°, 94%, 40%
XYZ	6.7492, 10.1542, 12.1939
YIQ	71.7970, -54.3730, -22.3170

# Conversions

## Conversions Part 2

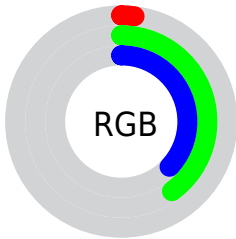
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 55, 101
Decimal	419166
CIELab	38.12, -26.22, -3.10
CIELCh	38, 26.399, 186.736
Yxy	10.1542, 0.2320, 0.3490
Android (android.graphics.Color)	4278609246 (0xFF06655E)
YUV	71.7970, 10.9461, -57.7040
Hunter-Lab	31.8657, -17.9586, -0.3823

# Details

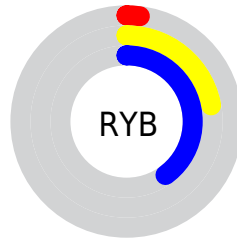
The Hex color **06655E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **65060D**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4A9890**, and **003530** is the 20% darker color. If you saturate the color by 10%, you get **00655E**, and if you desaturate by 10%, it is **10655F**.

# Distribution



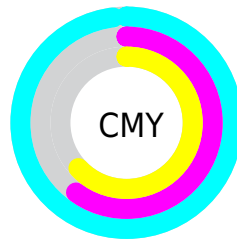
- Red (2%)
- Green (40%)
- Blue (37%)



- Red (2%)
- Yellow (22%)
- Blue (40%)



- Cyan (94%)
- Magenta (0%)
- Yellow (7%)
- Black (60%)



- Cyan (98%)
- Magenta (60%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 06655E 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 06655E by changing the saturation by 10% instead.



06655E

06655E

FFFFFF

004D46

4A9890

003530

65B3AB

00211B

81CFC6

000000

9CECE2

B9FFFF

D5FFFF

F3FFFF

06655E

06655E

■ 00655E

■ 10655F

■ 1A655F

■ 246560

■ 2E6561

■ 396562

■ 436562

■ 4D6563

■ 576564

■ 616565

# Harmonies

## Analogous

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



316448



06655E



006473

# Triad

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



06655E



62527C



755333

# Complementary

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



06655E



65060D

# 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.



814C41



06655E



784B6B

# Square

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



06655E



415A84



824956



635A2F

# Rectangle

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



06655E



00627D



824956



7A5037



# Sweetspot

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



06655E



5E827F



0E6506



2C4241



C2C2C2



424242



# Same Dimension

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



06655E



008278



063D65



2E3333



00736A



00F2E0



# Inverse Universe

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



65060D



82000A



652E06



332E2E



730008



F20012



# Previews

## White Background



This preview shows how the Hex color 06655E looks on a white background.

## Color Contrast Check

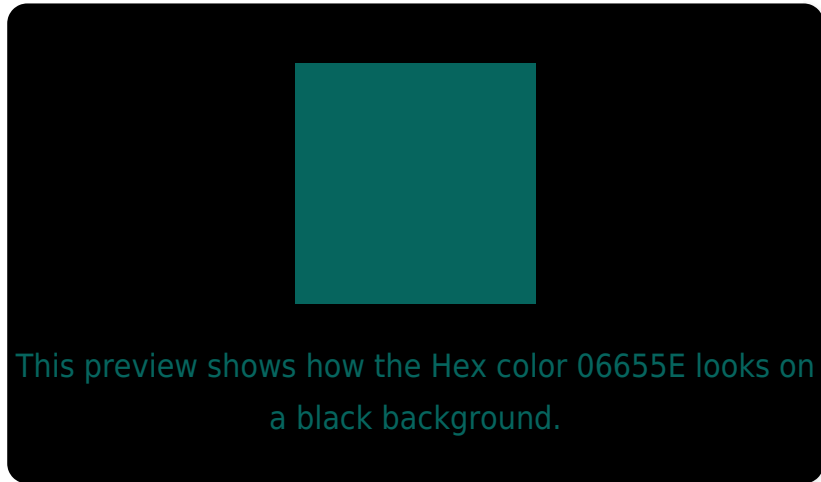
Large Text (above 18pt) WCAG AA ✓ Pass

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 06655E Background



This preview shows how black text looks on a background with the Hex color 06655E.

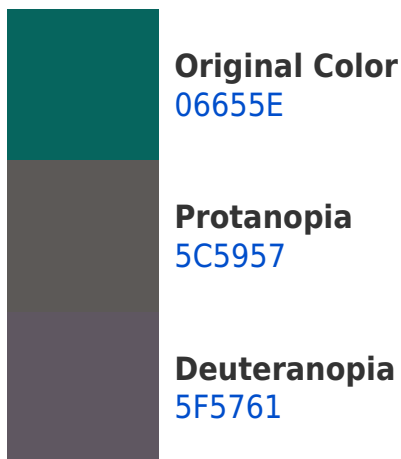


This preview shows how white text looks on a background with the Hex color 06655E.

# 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**  
18636B

# Trichromacy



**Original Color**  
06655E

**Protanomaly**  
3D5D5A

**Deuteranomaly**  
3F5C60

**Tritanomaly**  
116466

# Monochromacy



**Original Color**  
06655E

**Achromatopsia**  
484848

**Achromatomaly**  
305350

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 06655E 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 #06655E looks like.

```
.text, #text, p{  
    color:#06655E  
}
```

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 #06655E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06655E
}
```

## Border

The CSS property to change the border of an element to Hex 06655E 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
#06655E }
```

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

```
.border{ border-color:#06655E }
```

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

Here you see how a box with a 4 pixel #06655E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06655E; -webkit-box-shadow:4px 4px  
4px 4px #06655E; box-shadow:4px 4px 4px  
4px #06655E }
```

# Background

The CSS property to change the background color of an element to Hex 06655E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06655E }
```

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

```
.background{ background-color:#06655E }
```

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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