

Converting Colors

Hex(05655F)

Have a look what the booklet for
Hex(05655F) contains.

Hex(05655F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(05655F)

Conversions

Conversions Part 1

Format	Color
Hex	05655F
RGB	5, 101, 95
RGB Percent	2%, 40%, 37%
CMY	0.9804, 0.6039, 0.6275
CMYK	0.95, 0.00, 0.06, 0.60
HSL	176°, 91%, 21%
HSV	176°, 95%, 40%
XYZ	6.7818, 10.1658, 12.4312
YIQ	71.6120, -55.2900, -22.2180

Conversions

Conversions Part 2

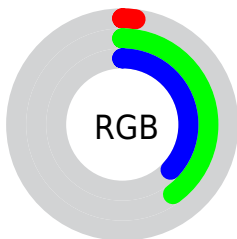
Format	Color
RYB	5, 55, 101
Decimal	353631
CIELab	38.14, -25.97, -3.68
CIELCh	38, 26.232, 188.069
Yxy	10.1658, 0.2308, 0.3460
Android (android.graphics.Color)	4278543711 (0xFF05655F)
YUV	71.6120, 11.5303, -58.4187
Hunter-Lab	31.8839, -17.8293, -0.7979

Details

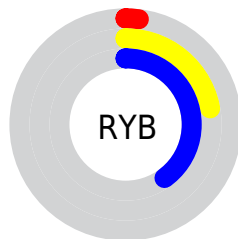
The Hex color **05655F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **65050B**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4A9891**, and **003531** is the 20% darker color. If you saturate the color by 10%, you get **00655F**, and if you desaturate by 10%, it is **0F6560**.

Distribution



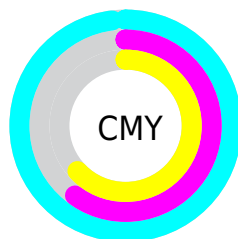
- Red (2%)
- Green (40%)
- Blue (37%)



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



- Cyan (95%)
- Magenta (0%)
- Yellow (6%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 05655F 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 05655F by changing the saturation by 10% instead.

 05655F

 05655F

FFFFFF

 004D47


 4A9891

 003531

 65B3AC

 00211C

 81CFC7

 000001

 9CEBE3

 000000

 B9FFFF

 D5FFFF

 F3FFFF

 05655F

 05655F

■ 00655F

■ 0F6560

■ 196560

■ 236561

■ 2D6562

■ 376562

■ 426563

■ 4C6563

■ 566564

■ 606565

Harmonies

Analogous

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



306449



05655F



006473

Triad

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



05655F



63527B



745333

Complementary

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



05655F



65050B

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.



804C41



05655F



794B6A

Square

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



05655F



435A84



824955



625A2F

Rectangle

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



05655F



00627D



824955



795136

Sweetspot

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



05655F



5C8280



0B6505



2B4241



C2C2C2



424242

Same Dimension

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



05655F



00827A



053B65



2E3333



00736C



00F2E3

Inverse Universe

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



65050B



820008



652F05



332E2E



730007



F2000F

Previews

White Background



This preview shows how the Hex color 05655F looks on a white background.

Color Contrast Check

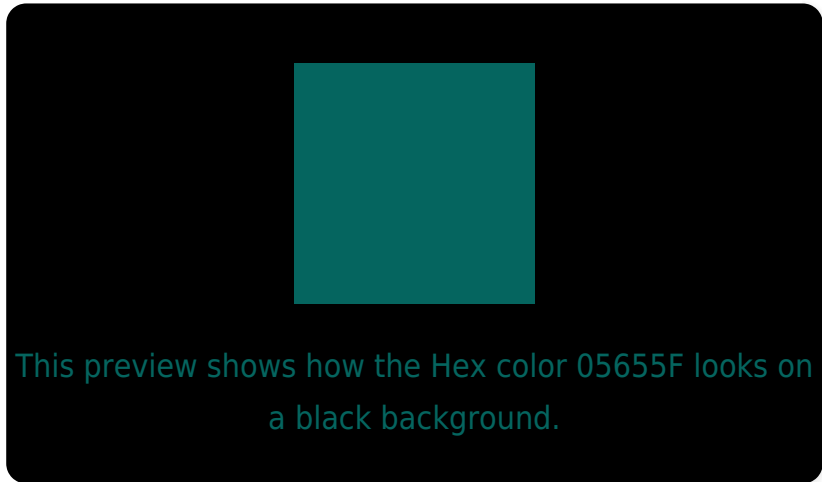
Large Text (above 18pt) WCAG AA ✓ Pass

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

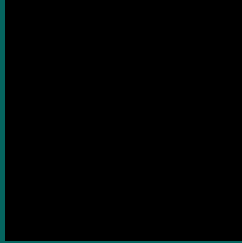
Any Text WCAG AA × Fail

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 05655F Background



This preview shows how black text looks on a background with the Hex color 05655F.



This preview shows how white text looks on a background with the Hex color 05655F.

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
05655F

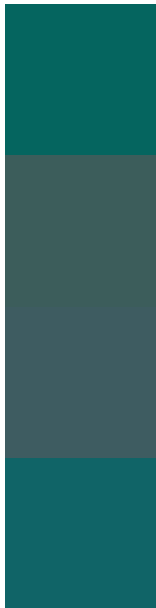
Protanopia
5C5958

Deuteranopia
5E5762



Tritanopia
17636B

Trichromacy



Original Color
05655F

Protanomaly
3C5D5B

Deuteranomaly
3E5C61

Tritanomaly
106467

Monochromacy



Original Color
05655F

Achromatopsia
484848

Achromatomaly
305350

CSS Examples

Text

The CSS property to change the color of the text to Hex 05655F 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 #05655F looks like.

```
.text, #text, p{  
    color:#05655F  
}
```

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 #05655F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05655F
}
```

Border

The CSS property to change the border of an element to Hex 05655F 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
#05655F }
```

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

```
.border{ border-color:#05655F }
```

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

Here you see how a box with a 4 pixel #05655F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05655F; -webkit-box-shadow:4px 4px  
4px 4px #05655F; box-shadow:4px 4px 4px  
4px #05655F }
```

Background

The CSS property to change the background color of an element to Hex 05655F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05655F }
```

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

```
.background{ background-color:#05655F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor