

Converting Colors

Hex(00665D)

Have a look what the booklet for
Hex(00665D) contains.

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Color

Hex(00665D)

Conversions

Conversions Part 1

Format	Color
Hex	00665D
RGB	0, 102, 93
RGB Percent	0%, 40%, 36%
CMY	1.0000, 0.6000, 0.6353
CMYK	1.00, 0.00, 0.09, 0.60
HSL	175°, 100%, 20%
HSV	175°, 100%, 40%
XYZ	6.7272, 10.2931, 11.9881
YIQ	70.4760, -57.9030, -24.4230

Conversions

Conversions Part 2

Format	Color
RYB	0, 53, 102
Decimal	26205
CIELab	38.36, -27.50, -2.13
CIELCh	38, 27.583, 184.424
Yxy	10.2931, 0.2319, 0.3548
Android (android.graphics.Color)	4278216285 (0xFF00665D)
YUV	70.4760, 11.1043, -61.8075
Hunter-Lab	32.0828, -18.7168, 0.3035

Details

The Hex color **00665D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **660009**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **489A8F**, and **00362F** is the 20% darker color. If you saturate the color by 10%, you get **00665D**, and if you desaturate by 10%, it is **0A665E**.

Distribution



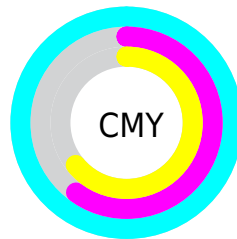
- Red (0%)
- Green (40%)
- Blue (36%)



- Red (0%)
- Yellow (21%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00665D 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 00665D by changing the saturation by 10% instead.

 00665D

 00665D

FFFFFF

 004E45

 489A8F

 00362F

 64B5AA

 00221A

 7FD0C5

 000000

 9BEDE1

 B7FFFD

 D4FFFF

 F1FFFF

 00665D

■ 0A665E

■ 14665F

■ 1F6660

■ 296661

■ 336661

■ 3D6662

■ 476663

■ 526664

■ 5C6665

Harmonies

Analogous

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



316446



00665D



006573

Triad

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



00665D



61537F



785232

Complementary

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



00665D



660009

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.



834B42



00665D



794C6E

Square

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



00665D



3D5B87



844858



655A2D

Rectangle

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



00665D



00637E



844858



7D5037

Sweetspot

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



00665D



5D8581



0A6600



2A4240



C2C2C2



424242

Same Dimension

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



00665D



008579



003D66



2E3333



007369



00F2DD

Inverse Universe

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



660009



85000C



662900



332E2E



73000A



F20015

Previews

White Background



This preview shows how the Hex color 00665D 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

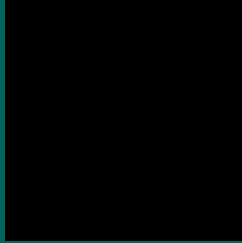
Any Text WCAG AA × Fail

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 00665D Background



This preview shows how black text looks on a background with the Hex color 00665D.



This preview shows how white text looks on a background with the Hex color 00665D.

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
00665D

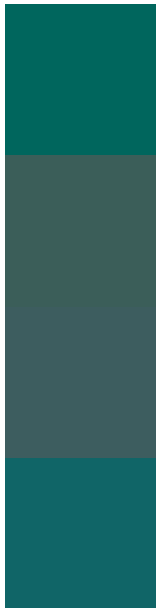
Protanopia
5D5A56

Deuteranopia
605860



Tritanopia
19646C

Trichromacy



Original Color
00665D

Protanomaly
3B5E59

Deuteranomaly
3D5D5F

Tritanomaly
106567

Monochromacy



Original Color
00665D

Achromatopsia
464646

Achromatomaly
2D524E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00665D 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 #00665D looks like.

```
.text, #text, p{  
    color:#00665D  
}
```

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 #00665D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00665D
}
```

Border

The CSS property to change the border of an element to Hex 00665D 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
#00665D }
```

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

```
.border{ border-color:#00665D }
```

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

Here you see how a box with a 4 pixel #00665D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00665D; -webkit-box-shadow:4px 4px  
4px 4px #00665D; box-shadow:4px 4px 4px  
4px #00665D }
```

Background

The CSS property to change the background color of an element to Hex 00665D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00665D }
```

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

```
.background{ background-color:#00665D }
```

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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