

Converting Colors

Hex(00615D)

Have a look what the booklet for
Hex(00615D) contains.

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Color

Hex(00615D)

Conversions

Conversions Part 1

Format	Color
Hex	00615D
RGB	0, 97, 93
RGB Percent	0%, 38%, 36%
CMY	1.0000, 0.6196, 0.6353
CMYK	1.00, 0.00, 0.04, 0.62
HSL	178°, 100%, 19%
HSV	178°, 100%, 38%
XYZ	6.2505, 9.3397, 11.8292
YIQ	67.5410, -56.5280, -21.8080

Conversions

Conversions Part 2

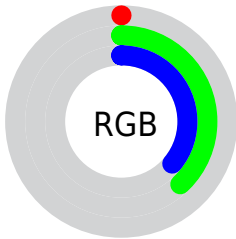
Format	Color
RYB	0, 50, 97
Decimal	24925
CIELab	36.63, -25.04, -4.69
CIELCh	37, 25.471, 190.611
Yxy	9.3397, 0.2280, 0.3406
Android (android.graphics.Color)	4278215005 (0xFF00615D)
YUV	67.5410, 12.5513, -59.2335
Hunter-Lab	30.5609, -16.9739, -1.5568

Details

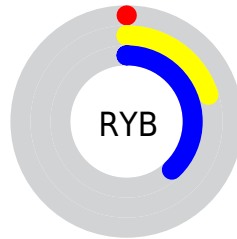
The Hex color **00615D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **610004**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **47948F**, and **00322F** is the 20% darker color. If you saturate the color by 10%, you get **00615D**, and if you desaturate by 10%, it is **0A615D**.

Distribution



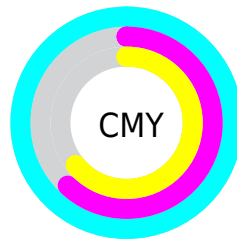
- Red (0%)
- Green (38%)
- Blue (36%)



- Red (0%)
- Yellow (20%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00615D 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 00615D by changing the saturation by 10% instead.

 00615D

 00615D

FFFFFF

 004945

 47948F

 00322F

 62AFAA

 001F1A

 7ECBC5

 000000

 99E7E1

 B5FFFD

 D2FFFF

 EFFFFFF

 00615D

■ 0A615D

■ 13615E

■ 1D615E

■ 27615F

■ 31615F

■ 3A615F

■ 446160

■ 4E6160

■ 576161

Harmonies

Analogous

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



2B6048



00615D



006070

Triad

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



00615D



624E75



6E5030

Complementary

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



00615D



610004

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.



7B4A3D



00615D



754864

Square

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



00615D



44567E



7E4650



5C572D

Rectangle

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



00615D



055E79



7E4650



734E33

Sweetspot

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



00615D



577D7B



056100



29403F



BFBFBF



404040

Same Dimension

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



00615D



007D78



003561



2C3030



00706C



00F0E6

Inverse Universe

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



610004



7D0005



612C00



302C2C



700005



F0000A

Previews

White Background



This preview shows how the Hex color 00615D looks on a white background.

Color Contrast Check

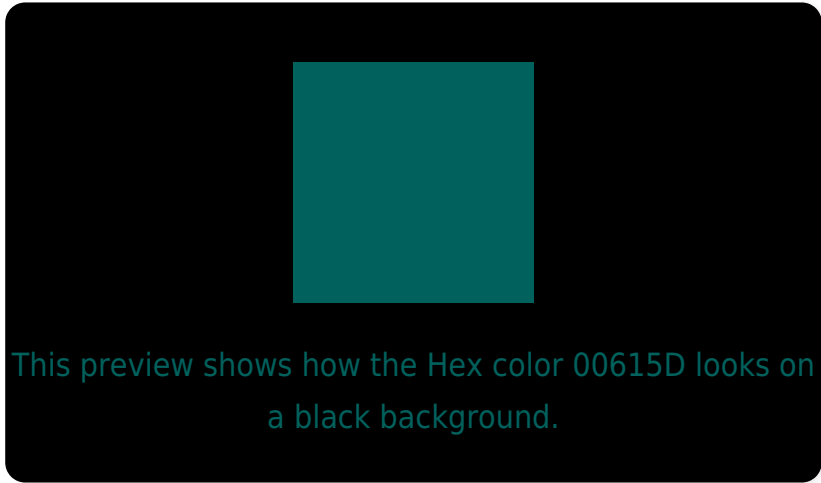
Large Text (above 18pt) WCAG AA ✓ Pass

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

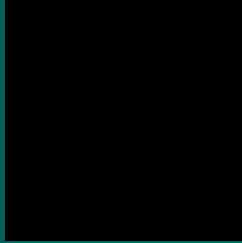
Any Text WCAG AA × Fail

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 00615D Background



This preview shows how black text looks on a background with the Hex color 00615D.

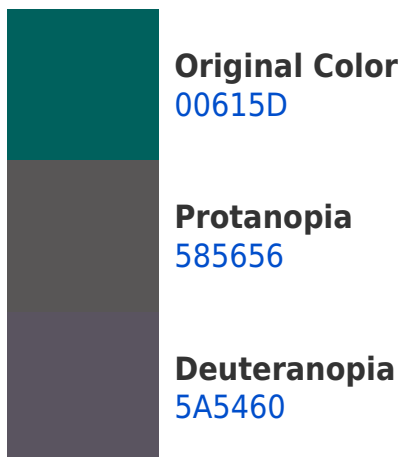


This preview shows how white text looks on a background with the Hex color 00615D.

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](#).

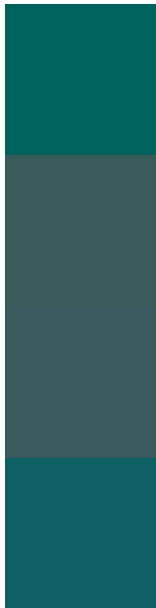
Dichromacy





Tritanopia
155F67

Trichromacy



Original Color
00615D

Protanomaly
385A59

Deuteranomaly
39595F

Tritanomaly
0D6063

Monochromacy



Original Color
00615D

Achromatopsia
444444

Achromatomaly
2B4F4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00615D 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 #00615D looks like.

```
.text, #text, p{  
    color:#00615D  
}
```

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 #00615D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00615D
}
```

Border

The CSS property to change the border of an element to Hex 00615D 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
#00615D }
```

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

```
.border{ border-color:#00615D }
```

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

Here you see how a box with a 4 pixel #00615D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00615D; -webkit-box-shadow:4px 4px  
4px 4px #00615D; box-shadow:4px 4px 4px  
4px #00615D }
```

Background

The CSS property to change the background color of an element to Hex 00615D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00615D }
```

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

```
.background{ background-color:#00615D }
```

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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