

Converting Colors

Hex(2C6F63)

Have a look what the booklet for
Hex(2C6F63) contains.

Hex(2C6F63)	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(2C6F63)

Conversions

Conversions Part 1

Format	Color
Hex	2C6F63
RGB	44, 111, 99
RGB Percent	17%, 44%, 39%
CMY	0.8275, 0.5647, 0.6118
CMYK	0.60, 0.00, 0.11, 0.56
HSL	169°, 43%, 30%
HSV	169°, 60%, 44%
XYZ	8.9753, 12.8052, 13.8030
YIQ	89.5990, -36.0800, -17.9360

Conversions

Conversions Part 2

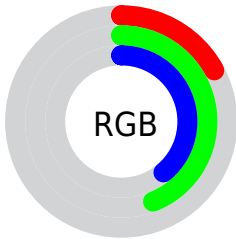
Format	Color
RYB	44, 81, 111
Decimal	2912099
CIELab	42.47, -24.33, 0.34
CIElCh	42, 24.333, 179.205
Yxy	12.8052, 0.2522, 0.3599
Android (android.graphics.Color)	4281102179 (0xFF2C6F63)
YUV	89.5990, 4.6347, -39.9903
Hunter-Lab	35.7844, -17.8520, 2.1793




Details

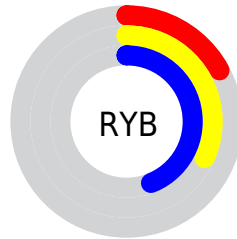
The Hex color **2C6F63** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6F2C38**, and the grayscale version is **5A5A5A**.




A 20% lighter version of the original color is **61A396**, and **003F35** is the 20% darker color. If you saturate the color by 10%, you get **216F61**, and if you desaturate by 10%, it is **376F65**.

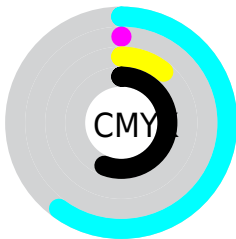
Distribution







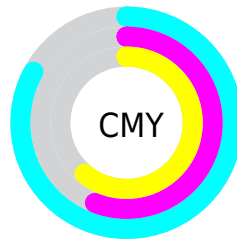
-  Red (17%)
-  Green (44%)
-  Blue (39%)






-  Red (17%)
-  Yellow (32%)
-  Blue (44%)



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (11%)
-  Black (56%)



-  Cyan (83%)
-  Magenta (56%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C6F63 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 2C6F63 by changing the saturation by 10% instead.

 2C6F63

 2C6F63


FFFFFF

 0C564B

 61A396

 003F35

 7CBEB0

 00281F

 97DACC

 001008

 B2F7E8

 000000

 CFFFFFF

 EBFFFF

 2C6F63

 2C6F63

 216F61

 376F65

■ 166F5F

■ 426F67

■ 0B6F5D

■ 4D6F69

■ 006F5B

■ 586F6B

■ 646F6D

■ 6F6F6F

■ 7A6F71

■ 856F73

■ 906F75

Harmonies

Analogous

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



466D4F



2C6F63



186F77

Triad

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



2C6F63



665F87



825C42

Complementary

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



2C6F63



6F2C38

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.



8B5652



2C6F63



7D5879

Square

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



2C6F63



47668C



8A5566



72633C

Rectangle

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



2C6F63



1D6D82



8A5566



865A47

Sweetspot

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



2C6F63



77918D



386F2C



3A4A47



C9C9C9



4A4A4A

Same Dimension

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



2C6F63



29917F



2C5A6F



323837



007862



00F7CB

Inverse Universe

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



6F2C38



91293B



6F412C



383233



780015



F7002C

Previews

White Background



This preview shows how the Hex color 2C6F63 looks on a white background.

Color Contrast Check

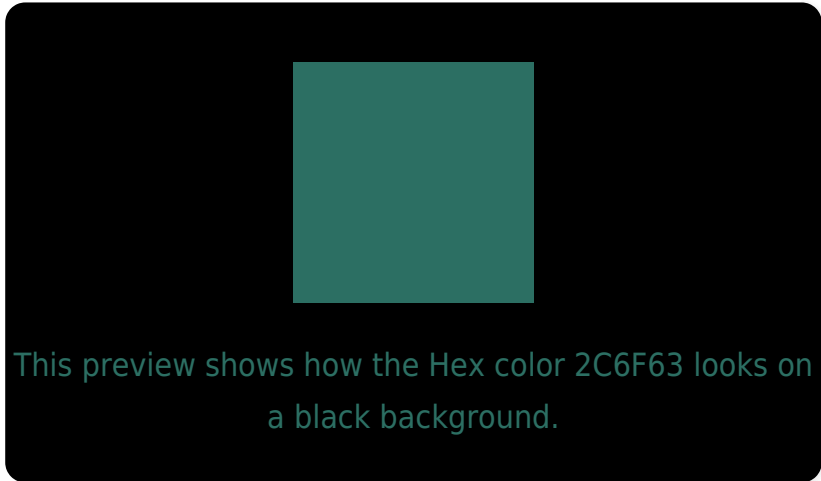
Large Text (above 18pt) WCAG AA ✓ Pass

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

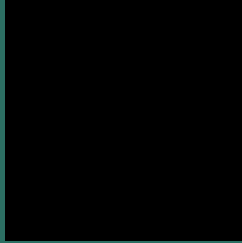
Any Text WCAG AA × Fail

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 2C6F63 Background



This preview shows how black text looks on a background with the Hex color 2C6F63.

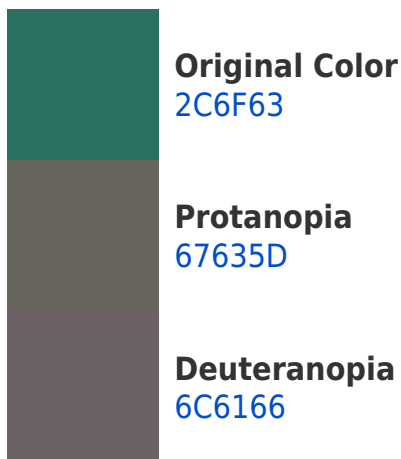


This preview shows how white text looks on a background with the Hex color 2C6F63.

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](#).

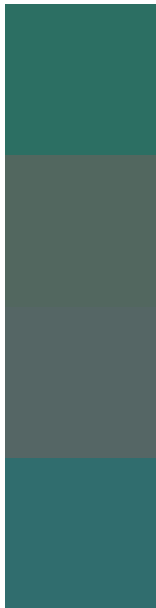
Dichromacy





Tritanopia
336C75

Trichromacy



Original Color
2C6F63

Protanomaly
52675F

Deuteranomaly
556665

Tritanomaly
306D6E

Monochromacy



Original Color
2C6F63

Achromatopsia
5A5A5A

Achromatomaly
49625D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C6F63 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 #2C6F63 looks like.

```
.text, #text, p{  
    color:#2C6F63  
}
```

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 #2C6F63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C6F63
}
```

Border

The CSS property to change the border of an element to Hex 2C6F63 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".

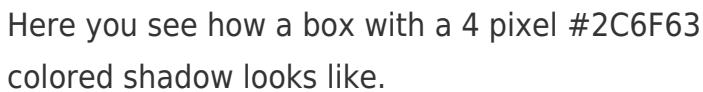
```
.border, #border, table{ border:4px solid
#2C6F63 }
```

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

```
.border{ border-color:#2C6F63 }
```

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

Here you see how a box with a 4 pixel #2C6F63 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C6F63; -webkit-box-shadow:4px 4px  
4px 4px #2C6F63; box-shadow:4px 4px 4px  
4px #2C6F63 }
```

Background

The CSS property to change the background color of an element to Hex 2C6F63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C6F63 }
```

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

```
.background{ background-color:#2C6F63 }
```

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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