

Converting Colors

Hex(2C7065)

Have a look what the booklet for
Hex(2C7065) contains.

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Color

Hex(2C7065)

Conversions

Conversions Part 1

Format	Color
Hex	2C7065
RGB	44, 112, 101
RGB Percent	17%, 44%, 40%
CMY	0.8275, 0.5608, 0.6039
CMYK	0.61, 0.00, 0.10, 0.56
HSL	170°, 44%, 31%
HSV	170°, 61%, 44%
XYZ	9.1818, 13.0634, 14.3495
YIQ	90.4140, -36.9970, -17.8370

Conversions

Conversions Part 2

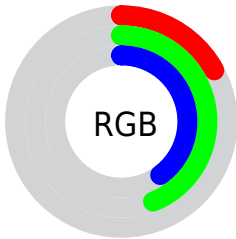
Format	Color
RYB	44, 81, 112
Decimal	2912357
CIELab	42.86, -24.28, -0.30
CIElCh	43, 24.281, 180.703
Yxy	13.0634, 0.2509, 0.3570
Android (android.graphics.Color)	4281102437 (0xFF2C7065)
YUV	90.4140, 5.2189, -40.7051
Hunter-Lab	36.1433, -17.9047, 1.7613

Details

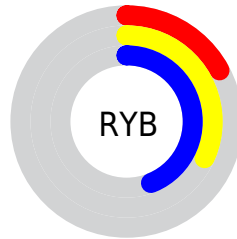
The Hex color **2C7065** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **702C37**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **61A498**, and **004036** is the 20% darker color. If you saturate the color by 10%, you get **217063**, and if you desaturate by 10%, it is **377067**.

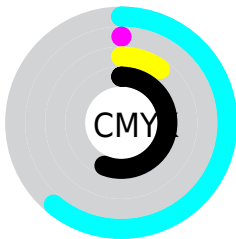
Distribution



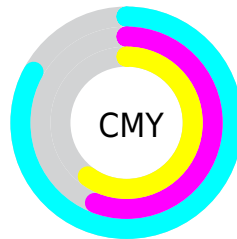
- Red (17%)
- Green (44%)
- Blue (40%)



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



- Cyan (61%)
- Magenta (0%)
- Yellow (10%)
- Black (56%)



- Cyan (83%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C7065 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 2C7065 by changing the saturation by 10% instead.

 2C7065

 2C7065

FFFFFF

 0C574D

 61A498

 004036

 7CBFB3

 002921

 97DBCE

 00120B

 B3F8EA

 000000

 CFFFFFF

 EFFFFFF

 2C7065

 2C7065

 217063

 377067

■ 167061

■ 427069

■ 0A7060

■ 4E706A

■ 00705E

■ 59706C

■ 64706E

■ 6F7070

■ 7A7072

■ 867073

■ 917075

Harmonies

Analogous

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



456E51



2C7065



196F79

Triad

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



2C7065



686088



835D43

Complementary

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



2C7065



702C37

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.



8C5852



2C7065



7F5979

Square

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



2C7065



4A678D



8B5665



72643D

Rectangle

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



2C7065



206E84



8B5665



875B47

Sweetspot

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



2C7065



77918D



37702C



3A4A47



C9C9C9



4A4A4A

Same Dimension

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



2C7065



279180



2C5970



323837



007864



00F7CF

Inverse Universe

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



702C37



912738



70432C



383233



780013



F70028

Previews

White Background



This preview shows how the Hex color 2C7065 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

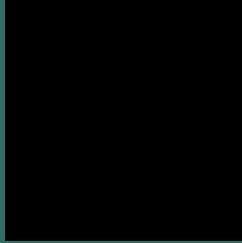
Any Text WCAG AA × Fail

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 2C7065 Background



This preview shows how black text looks on a background with the Hex color 2C7065.

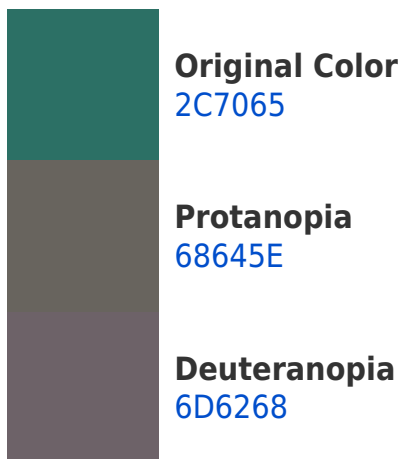


This preview shows how white text looks on a background with the Hex color 2C7065.

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](#).

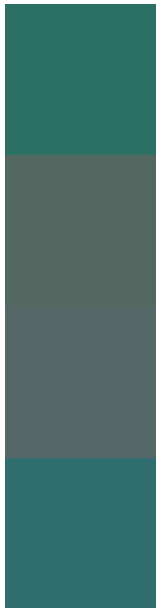
Dichromacy





Tritanopia
336D76

Trichromacy



Original Color
2C7065

Protanomaly
526861

Deuteranomaly
556767

Tritanomaly
306E70

Monochromacy



Original Color
2C7065

Achromatopsia
5A5A5A

Achromatomaly
49625E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C7065 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 #2C7065 looks like.

```
.text, #text, p{  
    color:#2C7065  
}
```

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 #2C7065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C7065
}
```

Border

The CSS property to change the border of an element to Hex 2C7065 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
#2C7065 }
```

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

```
.border{ border-color:#2C7065 }
```

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

Here you see how a box with a 4 pixel #2C7065 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C7065; -webkit-box-shadow:4px 4px  
4px 4px #2C7065; box-shadow:4px 4px 4px  
4px #2C7065 }
```

Background

The CSS property to change the background color of an element to Hex 2C7065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C7065 }
```

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

```
.background{ background-color:#2C7065 }
```

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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