

Converting Colors

Hex(2C6D64)

Have a look what the booklet for
Hex(2C6D64) contains.

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Color

Hex(2C6D64)

Conversions

Conversions Part 1

Format	Color
Hex	2C6D64
RGB	44, 109, 100
RGB Percent	17%, 43%, 39%
CMY	0.8275, 0.5725, 0.6078
CMYK	0.60, 0.00, 0.08, 0.57
HSL	172°, 42%, 30%
HSV	172°, 60%, 43%
XYZ	8.8076, 12.3929, 13.9844
YIQ	88.5390, -35.8510, -16.5790

Conversions

Conversions Part 2

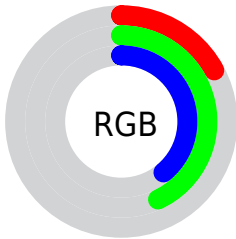
Format	Color
RYB	44, 79, 109
Decimal	2911588
CIELab	41.83, -23.02, -1.19
CIELCh	42, 23.054, 182.970
Yxy	12.3929, 0.2503, 0.3522
Android (android.graphics.Color)	4281101668 (0xFF2C6D64)
YUV	88.5390, 5.6503, -39.0607
Hunter-Lab	35.2035, -16.9470, 1.0897

Details

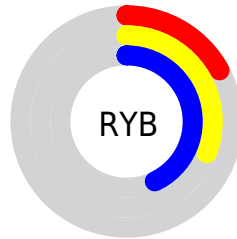
The Hex color **2C6D64** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6D2C35**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **61A197**, and **003D36** is the 20% darker color. If you saturate the color by 10%, you get **216D62**, and if you desaturate by 10%, it is **376D66**.

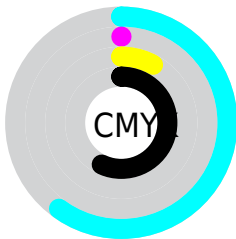
Distribution



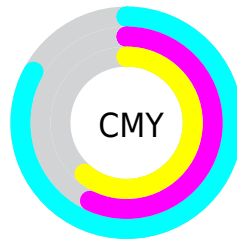
- Red (17%)
- Green (43%)
- Blue (39%)



- Red (17%)
- Yellow (31%)
- Blue (43%)



- Cyan (60%)
- Magenta (0%)
- Yellow (8%)
- Black (57%)



- Cyan (83%)
- Magenta (57%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C6D64 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 2C6D64 by changing the saturation by 10% instead.

 2C6D64

 2C6D64

FFFFFF

 0D544C

 61A197

 003D36

 7BBCB1

 002720

 96D8CD

 000D09

 B2F4E9


 000000

 CEFFFF

 EBFFFF

 2C6D64

 2C6D64

 216D62

 376D66

■ 166D61

■ 426D67

■ 0B6D5F

■ 4D6D69

■ 006D5E

■ 586D6A

■ 636D6C

■ 6D6D6D

■ 786D6F

■ 836D70

■ 8E6D72

Harmonies

Analogous

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



436B51



2C6D64



1E6C77

Triad

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



2C6D64



685D82



7E5C41

Complementary

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



2C6D64



6D2C35

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.



87564F



2C6D64



7C5774

Square

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



2C6D64



4B6488



875462



6E623D

Rectangle

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



2C6D64



266B80



875462



825A45

Sweetspot

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



2C6D64



758F8B



366D2C



384745



C7C7C7



474747

Same Dimension

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



2C6D64



288F81



2C566D



303635



007565



00F5D3

Inverse Universe

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



6D2C35



8F2836



6D432C



363031



750010



F50022

Previews

White Background



This preview shows how the Hex color 2C6D64 looks on a white background.

Color Contrast Check

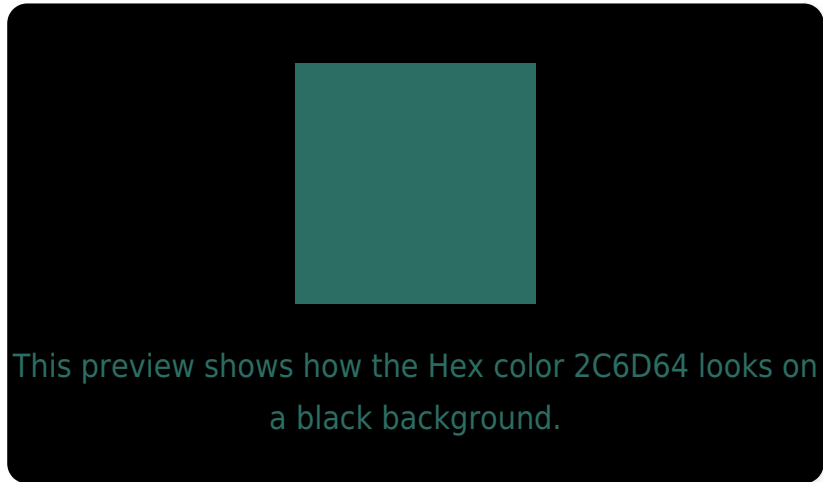
Large Text (above 18pt) WCAG AA ✓ Pass

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

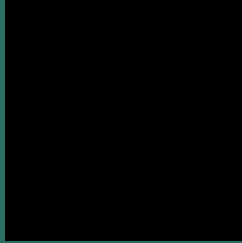
Any Text WCAG AA × Fail

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 2C6D64 Background



This preview shows how black text looks on a background with the Hex color 2C6D64.

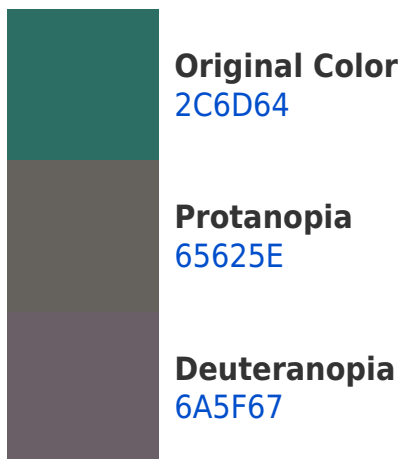



This preview shows how white text looks on a background with the Hex color 2C6D64.

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](#).

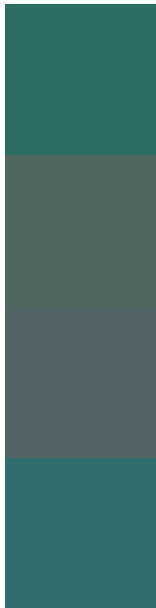
Dichromacy





Tritanopia
326B73

Trichromacy



Original Color
2C6D64

Protanomaly
506660

Deuteranomaly
536466

Tritanomaly
306C6E

Monochromacy



Original Color
2C6D64

Achromatopsia
595959

Achromatomaly
49605D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C6D64 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 #2C6D64 looks like.

```
.text, #text, p{  
    color:#2C6D64  
}
```

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 #2C6D64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C6D64
}
```

Border

The CSS property to change the border of an element to Hex 2C6D64 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
#2C6D64 }
```

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

```
.border{ border-color:#2C6D64 }
```

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

Here you see how a box with a 4 pixel #2C6D64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C6D64; -webkit-box-shadow:4px 4px  
4px 4px #2C6D64; box-shadow:4px 4px 4px  
4px #2C6D64 }
```

Background

The CSS property to change the background color of an element to Hex 2C6D64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C6D64 }
```

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

```
.background{ background-color:#2C6D64 }
```

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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