

Converting Colors

Hex(2C716B)

Have a look what the booklet for
Hex(2C716B) contains.

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Color

Hex(2C716B)

Conversions

Conversions Part 1

Format	Color
Hex	2C716B
RGB	44, 113, 107
RGB Percent	17%, 44%, 42%
CMY	0.8275, 0.5569, 0.5804
CMYK	0.61, 0.00, 0.05, 0.56
HSL	175°, 44%, 31%
HSV	175°, 61%, 44%
XYZ	9.5977, 13.4073, 15.9919
YIQ	91.6850, -39.1980, -16.4940

Conversions

Conversions Part 2

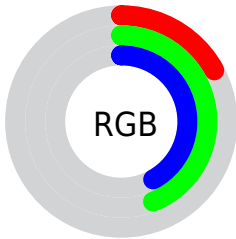
Format	Color
RYB	44, 80, 113
Decimal	2912619
CIELab	43.37, -23.07, -3.16
CIELCh	43, 23.289, 187.796
Yxy	13.4073, 0.2461, 0.3438
Android (android.graphics.Color)	4281102699 (0xFF2C716B)
YUV	91.6850, 7.5503, -41.8197
Hunter-Lab	36.6159, -17.2899, -0.2636

Details

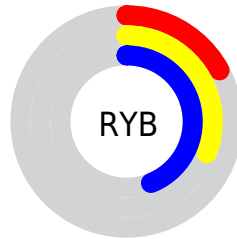
The Hex color **2C716B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **712C32**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **62A59E**, and **00413C** is the 20% darker color. If you saturate the color by 10%, you get **21716A**, and if you desaturate by 10%, it is **37716C**.

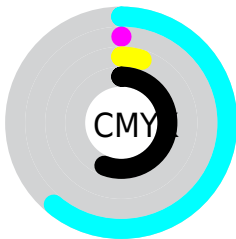
Distribution



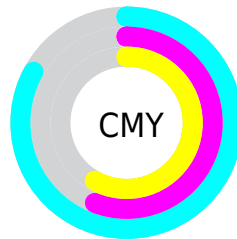
- Red (17%)
- Green (44%)
- Blue (42%)



- Red (17%)
- Yellow (31%)
- Blue (44%)



- Cyan (61%)
- Magenta (0%)
- Yellow (5%)
- Black (56%)



- Cyan (83%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C716B 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 2C716B by changing the saturation by 10% instead.

 2C716B

 2C716B

FFFFFF

 0A5853

 62A59E

 00413C

 7DC0B9

 002A26

 98DCD5

 001512

 B4F9F1

 000000

 D0FFFF

 EDFFFF

 2C716B

 2C716B

 21716A

 37716C

■ 157169

■ 43716D

■ 0A7168

■ 4E716E

■ 007167

■ 59716F

■ 657170

■ 707171

■ 7B7172

■ 867173

■ 927174

Harmonies

Analogous

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



437057



2C716B



22707D

Triad

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



2C716B



6F6085



806043

Complementary

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



2C716B



712C32

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.



8A5A50



2C716B



835A75

Square

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



2C716B



54678C



8C5862



6F6740

Rectangle

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



2C716B



2D6E87



8C5862



845E46

Sweetspot

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



2C716B



799492



33712C



3A4A49



C9C9C9



4A4A4A

Same Dimension

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



2C716B



28948B



2C5571



323838



00786D



00F7E2

Inverse Universe

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



712C32



942831



71482C



383233



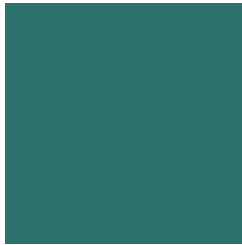
78000A



F70016

Previews

White Background



This preview shows how the Hex color 2C716B looks on a white background.

Color Contrast Check

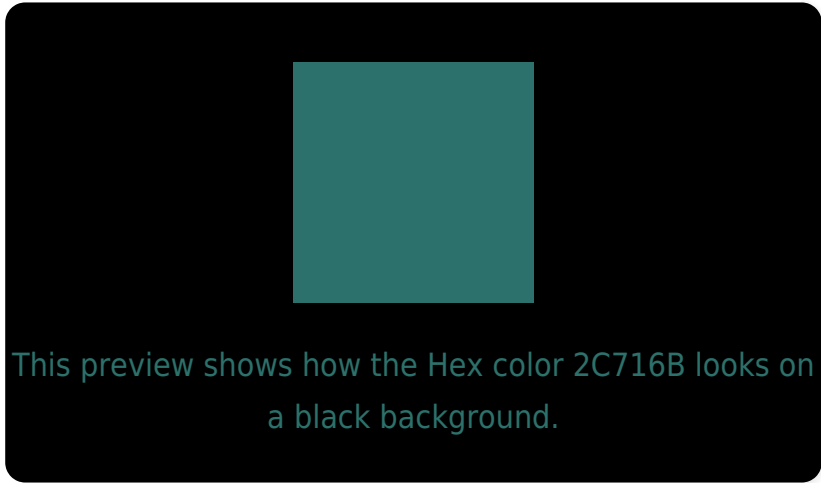
Large Text (above 18pt) WCAG AA ✓ Pass

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

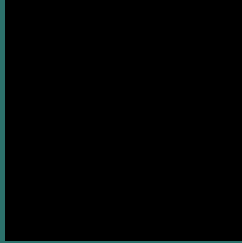
Any Text WCAG AA × Fail

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 2C716B Background



This preview shows how black text looks on a background with the Hex color 2C716B.

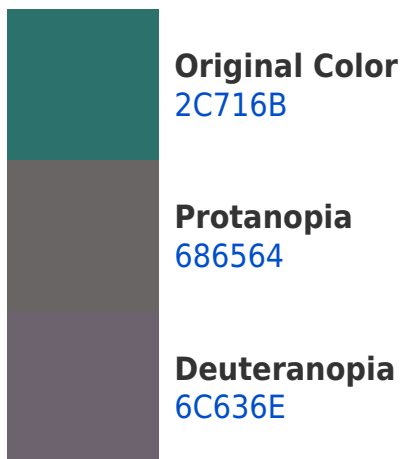



This preview shows how white text looks on a background with the Hex color 2C716B.

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](#).

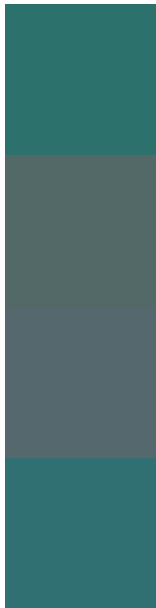
Dichromacy





Tritanopia
326F78

Trichromacy



Original Color
2C716B

Protanomaly
526967

Deuteranomaly
55686D

Tritanomaly
307073

Monochromacy



Original Color
2C716B

Achromatopsia
5C5C5C

Achromatomaly
4B6461

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C716B 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 #2C716B looks like.

```
.text, #text, p{  
    color:#2C716B  
}
```

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 #2C716B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C716B
}
```

Border

The CSS property to change the border of an element to Hex 2C716B 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
#2C716B }
```

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

```
.border{ border-color:#2C716B }
```

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

Here you see how a box with a 4 pixel #2C716B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C716B; -webkit-box-shadow:4px 4px  
4px 4px #2C716B; box-shadow:4px 4px 4px  
4px #2C716B }
```

Background

The CSS property to change the background color of an element to Hex 2C716B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C716B }
```

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

```
.background{ background-color:#2C716B }
```

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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