

Converting Colors

Hex(2C716E)

Have a look what the booklet for
Hex(2C716E) contains.

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Color

Hex(2C716E)

Conversions

Conversions Part 1

Format	Color
Hex	2C716E
RGB	44, 113, 110
RGB Percent	17%, 44%, 43%
CMY	0.8275, 0.5569, 0.5686
CMYK	0.61, 0.00, 0.03, 0.56
HSL	177°, 44%, 31%
HSV	177°, 61%, 44%
XYZ	9.7583, 13.4715, 16.8378
YIQ	92.0270, -40.1610, -15.5610

Conversions

Conversions Part 2

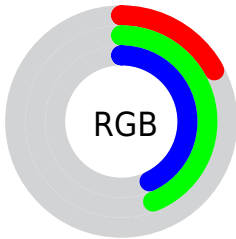
Format	Color
RYB	44, 79, 113
Decimal	2912622
CIELab	43.47, -22.19, -4.82
CIELCh	43, 22.709, 192.266
Yxy	13.4715, 0.2435, 0.3362
Android (android.graphics.Color)	4281102702 (0xFF2C716E)
YUV	92.0270, 8.8607, -42.1197
Hunter-Lab	36.7036, -16.7738, -1.5069

Details

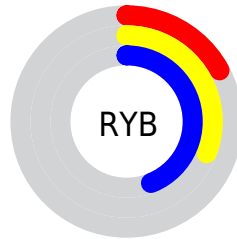
The Hex color **2C716E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **712C2F**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **62A5A1**, and **00413F** is the 20% darker color. If you saturate the color by 10%, you get **21716E**, and if you desaturate by 10%, it is **37716E**.

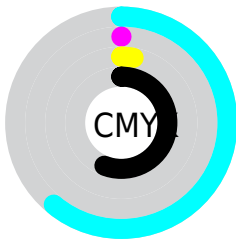
Distribution



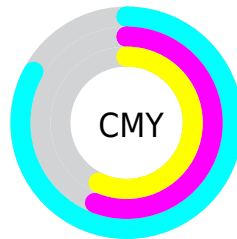
- Red (17%)
- Green (44%)
- Blue (43%)



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



- Cyan (61%)
- Magenta (0%)
- Yellow (3%)
- Black (56%)



- Cyan (83%)
- Magenta (56%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C716E 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 2C716E by changing the saturation by 10% instead.

■ 2C716E

■ 2C716E

FFFFFF

■ 0A5856

■ 62A5A1

■ 00413F

■ 7DC0BC

■ 002A29

■ 98DCD8

■ 001514

■ B4F9F5

■ 000000

■ D0FFFF

■ EDFFFF

■ 2C716E

■ 2C716E

■ 21716E

■ 37716E

■ 15716D

■ 43716F

■ 0A716D

■ 4E716F

■ 00716C

■ 597170

■ 657170

■ 707171

■ 7B7171

■ 867172

■ 927172

Harmonies

Analogous

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



41705B



2C716E



27707F

Triad

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



2C716E



735F83



7D6243

Complementary

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



2C716E



712C2F

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.



895C4E



2C716E



855A73

Square

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



2C716E



59668B



8C5960



6C6842

Rectangle

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



2C716E



336D87



8C5960



826046

Sweetspot

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



2C716E



799493



2F712C



3A4A49



C9C9C9



4A4A4A

Same Dimension

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



2C716E



28948F



2C5271



323838



007873



00F7ED

Inverse Universe

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



712C2F



94282D



714B2C



383233



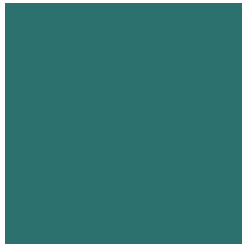
780005



F7000B

Previews

White Background



This preview shows how the Hex color 2C716E looks on a white background.

Color Contrast Check

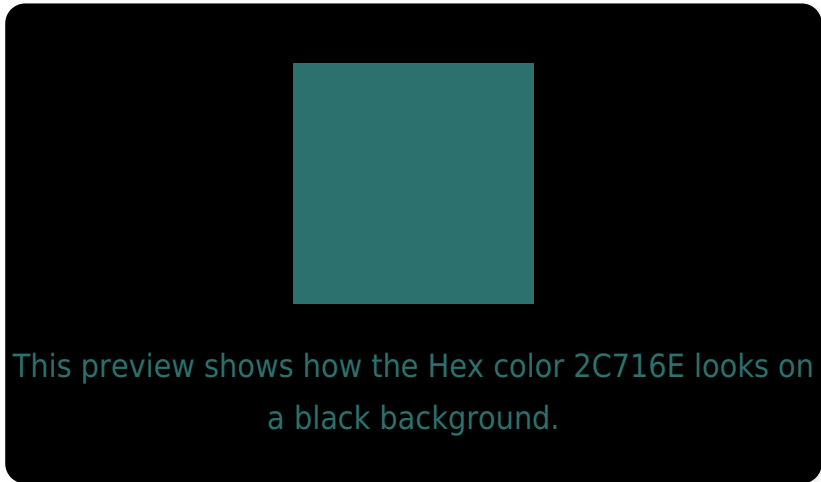
Large Text (above 18pt) WCAG AA ✓ Pass

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

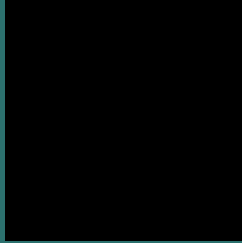
Any Text WCAG AA × Fail

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 2C716E Background



This preview shows how black text looks on a background with the Hex color 2C716E.



This preview shows how white text looks on a background with the Hex color 2C716E.

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



Original Color
2C716E

Protanopia
686667

Deuteranopia
6B6371



Tritanopia
316F78

Trichromacy



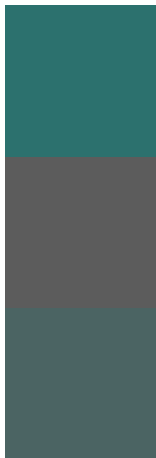
Original Color
2C716E

Protanomaly
526A6A

Deuteranomaly
546870

Tritanomaly
2F7074

Monochromacy



Original Color
2C716E

Achromatopsia
5C5C5C

Achromatomaly
4B6463

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C716E 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 #2C716E looks like.

```
.text, #text, p{  
    color:#2C716E  
}
```

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 #2C716E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C716E
}
```

Border

The CSS property to change the border of an element to Hex 2C716E 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
#2C716E }
```

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

```
.border{ border-color:#2C716E }
```

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

Here you see how a box with a 4 pixel #2C716E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C716E; -webkit-box-shadow:4px 4px  
4px 4px #2C716E; box-shadow:4px 4px 4px  
4px #2C716E }
```

Background

The CSS property to change the background color of an element to Hex 2C716E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C716E }
```

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

```
.background{ background-color:#2C716E }
```

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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