

Converting Colors

Hex(2D716E)

Have a look what the booklet for
Hex(2D716E) contains.

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Color

Hex(2D716E)

Conversions

Conversions Part 1

Format	Color
Hex	2D716E
RGB	45, 113, 110
RGB Percent	18%, 44%, 43%
CMY	0.8235, 0.5569, 0.5686
CMYK	0.60, 0.00, 0.03, 0.56
HSL	177°, 43%, 31%
HSV	177°, 60%, 44%
XYZ	9.8018, 13.4939, 16.8398
YIQ	92.3260, -39.5650, -15.3490

Conversions

Conversions Part 2

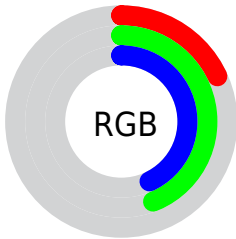
Format	Color
RYB	45, 80, 113
Decimal	2978158
CIELab	43.50, -21.99, -4.77
CIElCh	43, 22.497, 192.246
Yxy	13.4939, 0.2442, 0.3362
Android (android.graphics.Color)	4281168238 (0xFF2D716E)
YUV	92.3260, 8.7133, -41.5049
Hunter-Lab	36.7341, -16.6553, -1.4662




Details

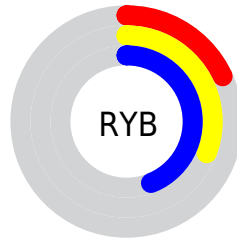
The Hex color **2D716E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **712D30**, and the grayscale version is **5C5C5C**.




A 20% lighter version of the original color is **63A5A1**, and **00413F** is the 20% darker color. If you saturate the color by 10%, you get **22716E**, and if you desaturate by 10%, it is **38716E**.

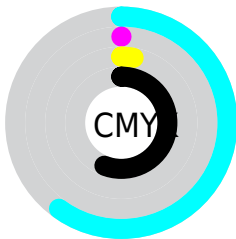
Distribution







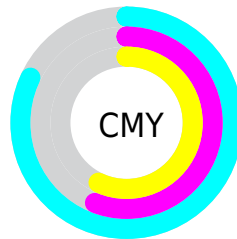
-  Red (18%)
-  Green (44%)
-  Blue (43%)






-  Red (18%)
-  Yellow (31%)
-  Blue (44%)



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (3%)
-  Black (56%)



-  Cyan (82%)
-  Magenta (56%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D716E 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 2D716E by changing the saturation by 10% instead.

 2D716E

 2D716E

FFFFFF

 0C5856

 63A5A1

 00413F

 7EC0BC

 002A29

 99DCD8

 001514

 B5F9F5

 000000

 D1FFFF

 EEEFFF

 2D716E

 2D716E

 22716E

 38716E

■ 16716D

■ 44716F

■ 0B716D

■ 4F716F

■ 00716C

■ 5A7170

■ 667170

■ 717171

■ 7C7171

■ 877172

■ 937172

Harmonies

Analogous

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



41705B



2D716E



29707F

Triad

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



2D716E



735F82



7D6244

Complementary

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



2D716E



712D30

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.



895C4F



2D716E



845A73

Square

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



2D716E



59668B



8C5960



6C6842

Rectangle

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



2D716E



346D87



8C5960



826046

Sweetspot

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



2D716E



799493



30712D



3A4A49



C9C9C9



4A4A4A

Same Dimension

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



2D716E



29948F



2D5271



323838



007873



00F7EC

Inverse Universe

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



712D30



94292E



714C2D



383233



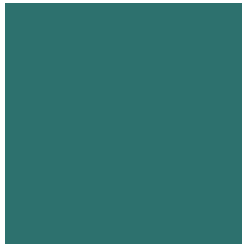
780005



F7000B

Previews

White Background



This preview shows how the Hex color 2D716E looks on a white background.

Color Contrast Check

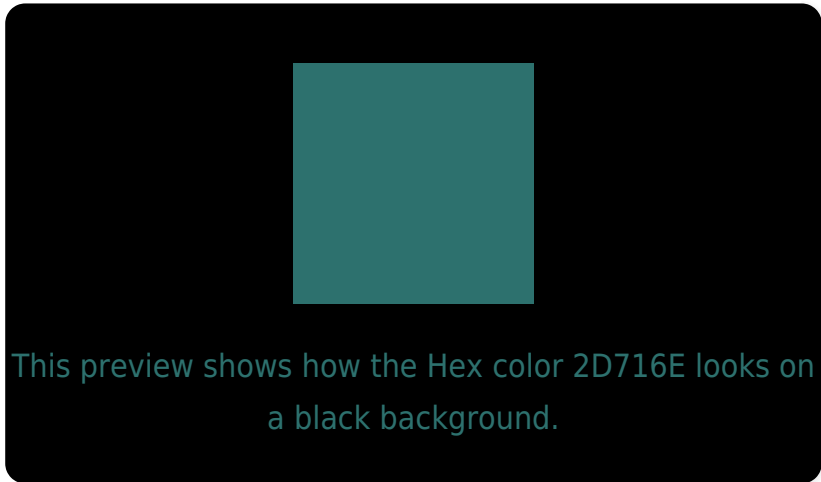
Large Text (above 18pt) WCAG AA ✓ Pass

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

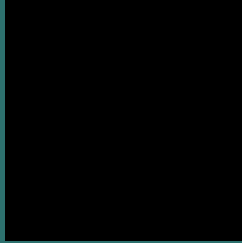
Any Text WCAG AA × Fail

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 2D716E Background



This preview shows how black text looks on a background with the Hex color 2D716E.

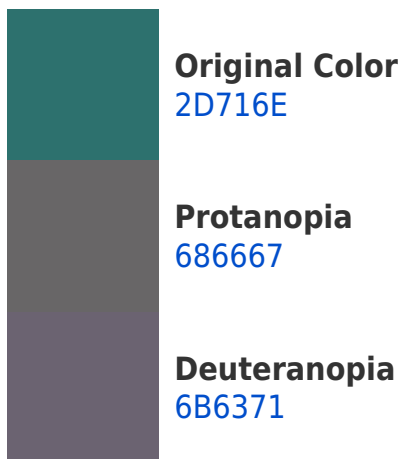


This preview shows how white text looks on a background with the Hex color 2D716E.

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
316F78

Trichromacy



Original Color
2D716E

Protanomaly
536A6A

Deuteranomaly
546870

Tritanomaly
307074

Monochromacy



Original Color
2D716E

Achromatopsia
5C5C5C

Achromatomaly
4B6463

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D716E 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 #2D716E looks like.

```
.text, #text, p{  
    color:#2D716E  
}
```

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 #2D716E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D716E
}
```

Border

The CSS property to change the border of an element to Hex 2D716E is called "border". The border property can be set on classes, ids or directly on the HTML element.

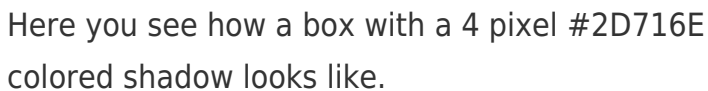
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D716E }
```

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

```
.border{ border-color:#2D716E }
```

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



Here you see how a box with a 4 pixel #2D716E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D716E; -webkit-box-shadow:4px 4px  
4px 4px #2D716E; box-shadow:4px 4px 4px  
4px #2D716E }
```

Background

The CSS property to change the background color of an element to Hex 2D716E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D716E }
```

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

```
.background{ background-color:#2D716E }
```

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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