

Converting Colors

Hex(2A716A)

Have a look what the booklet for
Hex(2A716A) contains.

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Color

Hex(2A716A)

Conversions

Conversions Part 1

Format	Color
Hex	2A716A
RGB	42, 113, 106
RGB Percent	16%, 44%, 42%
CMY	0.8353, 0.5569, 0.5843
CMYK	0.63, 0.00, 0.06, 0.56
HSL	174°, 46%, 30%
HSV	174°, 63%, 44%
XYZ	9.4615, 13.3431, 15.7125
YIQ	90.9730, -40.0690, -17.2290

Conversions

Conversions Part 2

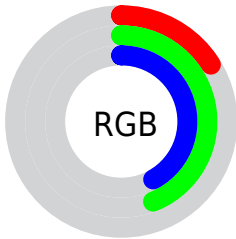
Format	Color
RYB	42, 79, 113
Decimal	2781546
CIELab	43.28, -23.77, -2.70
CIElCh	43, 23.925, 186.490
Yxy	13.3431, 0.2456, 0.3464
Android (android.graphics.Color)	4280971626 (0xFF2A716A)
YUV	90.9730, 7.4083, -42.9493
Hunter-Lab	36.5282, -17.6895, 0.0664

Details

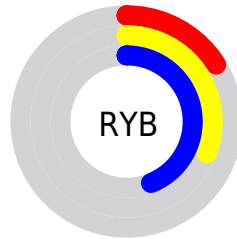
The Hex color **2A716A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **712A31**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **60A59D**, and **00413B** is the 20% darker color. If you saturate the color by 10%, you get **1F7169**, and if you desaturate by 10%, it is **35716B**.

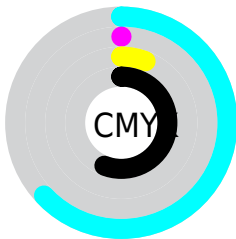
Distribution



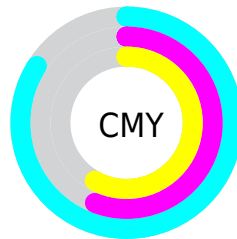
- Red (16%)
- Green (44%)
- Blue (42%)



- Red (16%)
- Yellow (31%)
- Blue (44%)



- Cyan (63%)
- Magenta (0%)
- Yellow (6%)
- Black (56%)



- Cyan (84%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A716A 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 2A716A by changing the saturation by 10% instead.

■ 2A716A

■ 2A716A

FFFFFF

■ 065852

■ 60A59D

■ 00413B

■ 7BC0B8

■ 002A25

■ 96DCD4

■ 001411

■ B2F9F0

■ 000000

■ CEFFFF

■ EBFFFF

■ 2A716A

■ 2A716A

■ 1F7169

■ 35716B

■ 137168

■ 41716C

■ 087167

■ 4C716D

■ 007166

■ 57716E

■ 627170

■ 6E7171

■ 797172

■ 847173

■ 907174

Harmonies

Analogous

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



427056



2A716A



1E707D

Triad

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



2A716A



6E6086



816042

Complementary

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



2A716A



712A31

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.



8B5A50



2A716A



835976

Square

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



2A716A



52678D



8D5763



6F663F

Rectangle

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



2A716A



296E87



8D5763



855D46

Sweetspot

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



2A716A



789491



31712A



394A48



C9C9C9



4A4A4A

Same Dimension

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



2A716A



259489



2A5571



323838



00786C



00F7DF

Inverse Universe

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



712A31



942530



71462A



383233



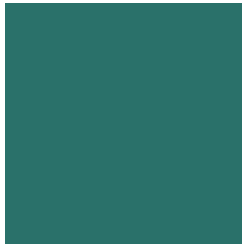
78000C



F70018

Previews

White Background



This preview shows how the Hex color 2A716A looks on a white background.

Color Contrast Check

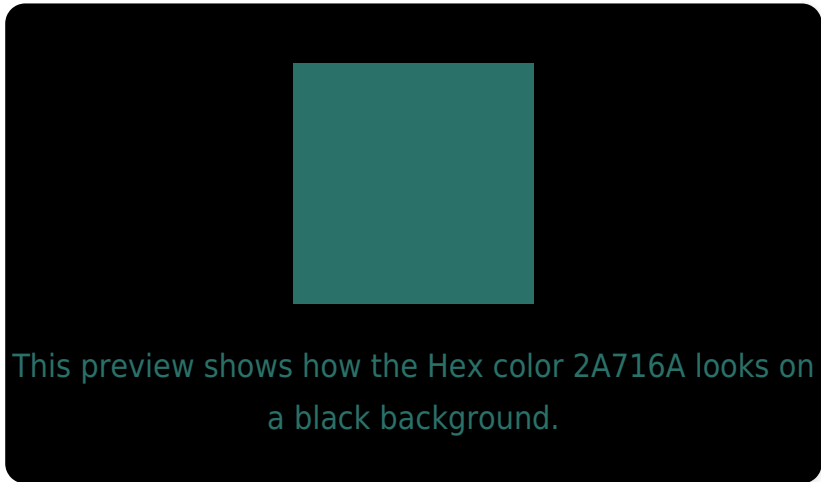
Large Text (above 18pt) WCAG AA ✓ Pass

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

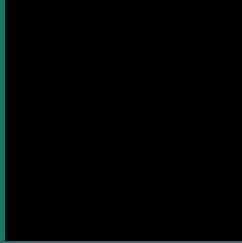
Any Text WCAG AA × Fail

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 2A716A Background



This preview shows how black text looks on a background with the Hex color 2A716A.



This preview shows how white text looks on a background with the Hex color 2A716A.

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
2A716A

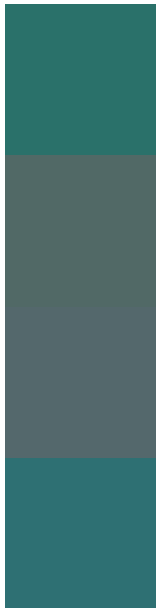
Protanopia
686563

Deuteranopia
6C636D



Tritanopia
306F78

Trichromacy



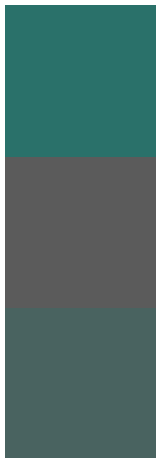
Original Color
2A716A

Protanomaly
516966

Deuteranomaly
54686C

Tritanomaly
2E7073

Monochromacy



Original Color
2A716A

Achromatopsia
5B5B5B

Achromatomaly
496360

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A716A 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 #2A716A looks like.

```
.text, #text, p{  
    color:#2A716A  
}
```

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 #2A716A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A716A
}
```

Border

The CSS property to change the border of an element to Hex 2A716A 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
#2A716A }
```

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

```
.border{ border-color:#2A716A }
```

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

Here you see how a box with a 4 pixel #2A716A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A716A; -webkit-box-shadow:4px 4px  
4px 4px #2A716A; box-shadow:4px 4px 4px  
4px #2A716A }
```

Background

The CSS property to change the background color of an element to Hex 2A716A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A716A }
```

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

```
.background{ background-color:#2A716A }
```

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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