

Converting Colors

Hex(47716B)

Have a look what the booklet for
Hex(47716B) contains.

Hex(47716B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(47716B)

Conversions

Conversions Part 1

Format	Color
Hex	47716B
RGB	71, 113, 107
RGB Percent	28%, 44%, 42%
CMY	0.7216, 0.5569, 0.5804
CMYK	0.37, 0.00, 0.05, 0.56
HSL	171°, 23%, 36%
HSV	171°, 37%, 44%
XYZ	11.1575, 14.2114, 16.0649
YIQ	99.7580, -23.1060, -10.7700

Conversions

Conversions Part 2

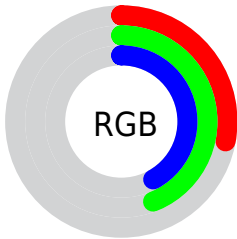
Format	Color
RYB	71, 94, 113
Decimal	4682091
CIELab	44.53, -16.11, -1.31
CIELCh	45, 16.159, 184.659
Yxy	14.2114, 0.2693, 0.3430
Android (android.graphics.Color)	4282872171 (0xFF47716B)
YUV	99.7580, 3.5703, -25.2208
Hunter-Lab	37.6980, -13.1407, 1.1223

Details

The Hex color **47716B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **71474D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **79A59E**, and **16413C** is the 20% darker color. If you saturate the color by 10%, you get **3C7169**, and if you desaturate by 10%, it is **52716D**.

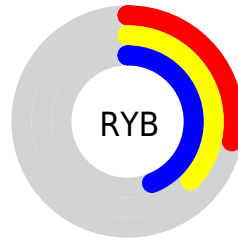
Distribution



Red (28%)

Green (44%)

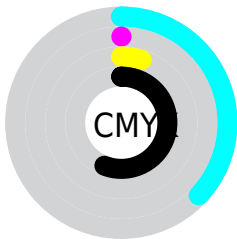
Blue (42%)



Red (28%)

Yellow (37%)

Blue (44%)

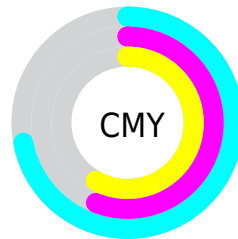


Cyan (37%)

Magenta (0%)

Yellow (5%)

Black (56%)



Cyan (72%)

Magenta (56%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47716B 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 47716B by changing the saturation by 10% instead.

 47716B

 47716B

FFFFFF

 2F5853

 79A59E

 16413C

 94C0B9

 002B26

 AFDCD5

 001811

 CBF9F1

 000000

 E7FFFF

 47716B

 47716B

 3C7169

 52716D

 307168

 5E716E

■ 257166

■ 697170

■ 1A7165

■ 747171

■ 0F7163

■ 807173

■ 037161

■ 8B7175

■ 007161

■ 967176

■ A17178

■ AD717A

Harmonies

Analogous

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



53705D



47716B



437078

Triad

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



47716B



6E657F



7D6551

Complementary

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



47716B



71474D

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.



84615B



47716B



7D6175

Square

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



47716B



5C6A84



846068



71694F

Rectangle

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



47716B



476F7F



846068



806354

Sweetspot

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



47716B



849492



4D7147



404A49



C9C9C9



4A4A4A

Same Dimension

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



47716B



51948A



476271



323837



007867



00F7D4

Inverse Universe

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



71474D



94515B



715647



383233



780011



F70023

Previews

White Background



This preview shows how the Hex color 47716B looks on a white background.

Color Contrast Check

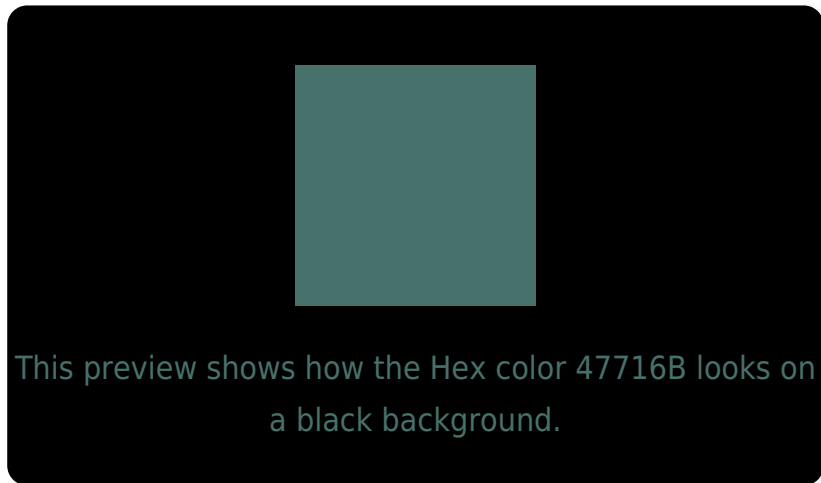
Large Text (above 18pt) WCAG AA ✓ Pass

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

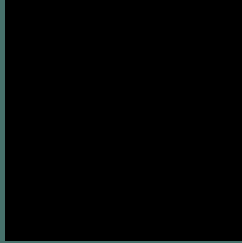
Any Text WCAG AA × Fail

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 47716B Background



This preview shows how black text looks on a background with the Hex color 47716B.



This preview shows how white text looks on a background with the Hex color 47716B.

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
47716B

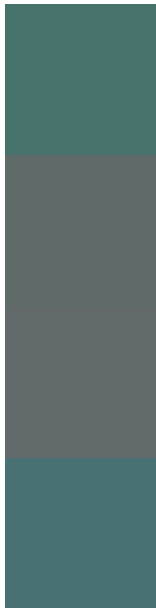
Protanopia
6B6866

Deuteranopia
71666D



Tritanopia
4A6F78

Trichromacy



Original Color
47716B

Protanomaly
5E6B68

Deuteranomaly
626A6C

Tritanomaly
497073

Monochromacy



Original Color
47716B

Achromatopsia
646464

Achromatomaly
596967

CSS Examples

Text

The CSS property to change the color of the text to Hex 47716B 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 #47716B looks like.

```
.text, #text, p{  
    color:#47716B  
}
```

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 #47716B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47716B
}
```

Border

The CSS property to change the border of an element to Hex 47716B 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
#47716B }
```

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

```
.border{ border-color:#47716B }
```

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

Here you see how a box with a 4 pixel #47716B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47716B; -webkit-box-shadow:4px 4px  
4px 4px #47716B; box-shadow:4px 4px 4px  
4px #47716B }
```

Background

The CSS property to change the background color of an element to Hex 47716B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47716B }
```

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

```
.background{ background-color:#47716B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor