

Converting Colors

Hex(37716C)

Have a look what the booklet for
Hex(37716C) contains.

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Color

Hex(37716C)

Conversions

Conversions Part 1

Format	Color
Hex	37716C
RGB	55, 113, 108
RGB Percent	22%, 44%, 42%
CMY	0.7843, 0.5569, 0.5765
CMYK	0.51, 0.00, 0.04, 0.56
HSL	175°, 35%, 33%
HSV	175°, 51%, 44%
XYZ	10.1874, 13.7052, 16.2958
YIQ	95.0880, -32.9630, -13.8510

Conversions

Conversions Part 2

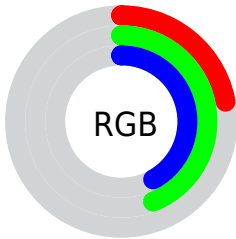
Format	Color
R_{YB}	55, 85, 113
Decimal	3633516
CIE _{Lab}	43.81, -20.28, -3.07
CIE _{LCh}	44, 20.512, 188.609
Yxy	13.7052, 0.2535, 0.3410
Android (android.graphics.Color)	4281823596 (0xFF37716C)
YUV	95.0880, 6.3656, -35.1572
Hunter-Lab	37.0205, -15.6656, -0.1841

Details

The Hex color **37716C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **71373C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **6BA59F**, and **00413D** is the 20% darker color. If you saturate the color by 10%, you get **2C716B**, and if you desaturate by 10%, it is **42716D**.

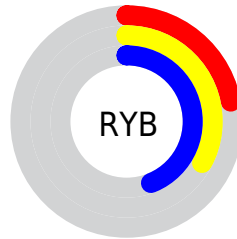
Distribution



Red (22%)

Green (44%)

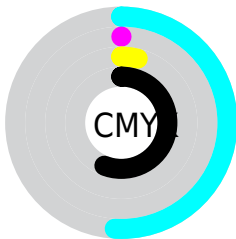
Blue (42%)



Red (22%)

Yellow (33%)

Blue (44%)

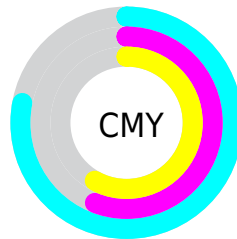


Cyan (51%)

Magenta (0%)

Yellow (4%)

Black (56%)



Cyan (78%)

Magenta (56%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37716C 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 37716C by changing the saturation by 10% instead.

■ 37716C

■ 37716C

FFFFFF

■ 1C5854

■ 6BA59F

■ 00413D

■ 85C0BA

■ 002A27

■ A0DCD6

■ 001612

■ BCF9F2

■ 000000

■ D9FFFF

■ F5FFFF

■ 37716C

■ 37716C

■ 2C716B

■ 42716D

■ 20716A

■ 4E716E

■ 157169

■ 59716F

■ 0A7168

■ 647170

■ 007167

■ 707171

■ 7B7172

■ 867173

■ 917174

■ 9D7175

Harmonies

Analogous

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



48705B



37716C



32707C

Triad

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



37716C



706182



7E6248

Complementary

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



37716C



71373C

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.



885D53



37716C



815D74

Square

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



37716C



596789



895B63



6F6846

Rectangle

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



37716C



3A6E84



895B63



82604B

Sweetspot

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



37716C



7E9492



3D7137



3D4A49



C9C9C9



4A4A4A

Same Dimension

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



37716C



38948C



375A71



323838



00786E



00F7E2

Inverse Universe

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



71373C



943840



714E37



383233



78000A



F70015

Previews

White Background



This preview shows how the Hex color 37716C looks on a white background.

Color Contrast Check

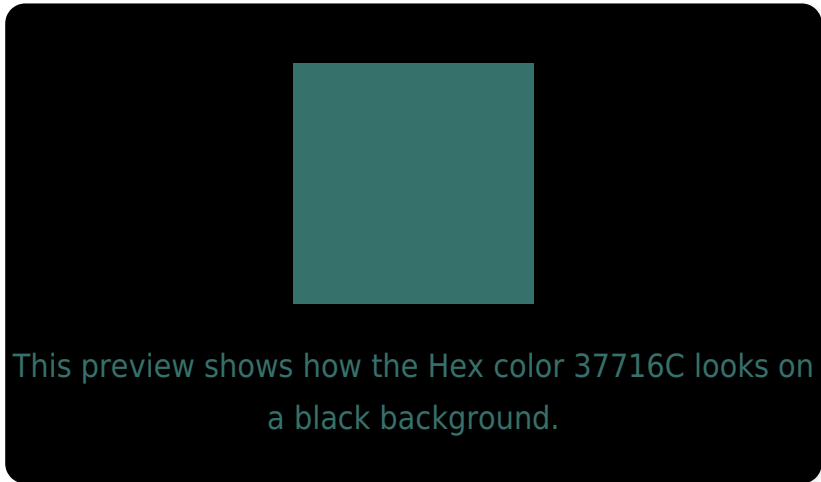
Large Text (above 18pt) WCAG AA ✓ Pass

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

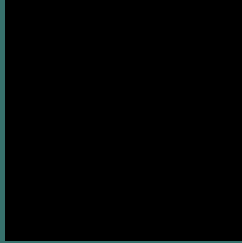
Any Text WCAG AA × Fail

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 37716C Background



This preview shows how black text looks on a background with the Hex color 37716C.

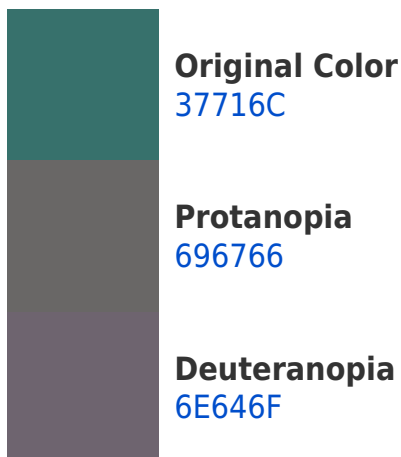


This preview shows how white text looks on a background with the Hex color 37716C.

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](#).

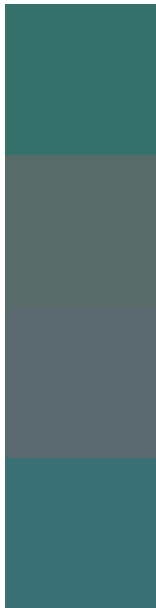
Dichromacy





Tritanopia
3B6F78

Trichromacy



Original Color
37716C

Protanomaly
576B68

Deuteranomaly
5A696E

Tritanomaly
3A7074

Monochromacy



Original Color
37716C

Achromatopsia
5F5F5F

Achromatomaly
506664

CSS Examples

Text

The CSS property to change the color of the text to Hex 37716C 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 #37716C looks like.

```
.text, #text, p{  
    color:#37716C  
}
```

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 #37716C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37716C
}
```

Border

The CSS property to change the border of an element to Hex 37716C 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
#37716C }
```

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

```
.border{ border-color:#37716C }
```

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

Here you see how a box with a 4 pixel #37716C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37716C; -webkit-box-shadow:4px 4px  
4px 4px #37716C; box-shadow:4px 4px 4px  
4px #37716C }
```

Background

The CSS property to change the background color of an element to Hex 37716C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37716C }
```

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

```
.background{ background-color:#37716C }
```

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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