

Converting Colors

Hex(68716D)

Have a look what the booklet for
Hex(68716D) contains.

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Color

Hex(68716D)

Conversions

Conversions Part 1

Format	Color
Hex	68716D
RGB	104, 113, 109
RGB Percent	41%, 44%, 43%
CMY	0.5922, 0.5569, 0.5725
CMYK	0.08, 0.00, 0.04, 0.56
HSL	153°, 4%, 43%
HSV	153°, 8%, 44%
XYZ	14.3744, 15.8574, 16.7712
YIQ	109.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

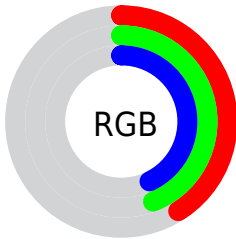
Format	Color
RYB	104, 110, 113
Decimal	6844781
CIELab	46.79, -4.24, 1.04
CIELCh	47, 4.368, 166.170
Yxy	15.8574, 0.3058, 0.3374
Android (android.graphics.Color)	4285034861 (0xFF68716D)
YUV	109.8530, -0.4205, -5.1331
Hunter-Lab	39.8214, -5.2541, 2.9044

Details

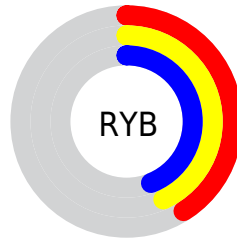
The Hex color **68716D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **71686C**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **9BA5A0**, and **39413E** is the 20% darker color. If you saturate the color by 10%, you get **5D7168**, and if you desaturate by 10%, it is **737172**.

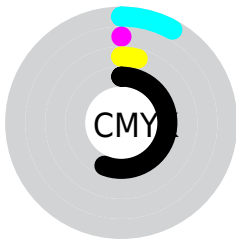
Distribution



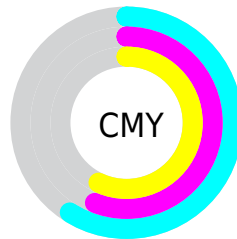
- Red (41%)
- Green (44%)
- Blue (43%)



- Red (41%)
- Yellow (43%)
- Blue (44%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (56%)



- Cyan (59%)
- Magenta (56%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68716D 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 68716D by changing the saturation by 10% instead.

68716D

68716D

FFFFFF

505955

9BA5A0

39413E

B6C0BB

232B28

D2DCD7

0E1713

EEF8F4

000000

68716D

68716D

5D7168

737172

517163

7F7177

46715E

8A717C

■ 3B7159

■ 957181

■ 2F7154

■ A17186

■ 24714F

■ AC718B

■ 19714A

■ B77190

■ 0E7145

■ C27195

■ 027140

■ CE719A

Harmonies

Analogous

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



6C706A



68716D



667171

Triad

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



68716D



6E6F76



766D6A

Complementary

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



68716D



71686C

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.



776D6D



68716D



726D74

Square

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



68716D



697076



756D71



746E68

Rectangle

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



68716D



667173



756D71



776D6B

Sweetspot

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



68716D



919493



6C7168



484A49



C9C9C9



4A4A4A

Same Dimension

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



68716D



85948D



687171



323836



007843



00F789

Inverse Universe

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



71686C



94858C



716868



383235



780035



F7006E

Previews

White Background



This preview shows how the Hex color 68716D looks on a white background.

Color Contrast Check

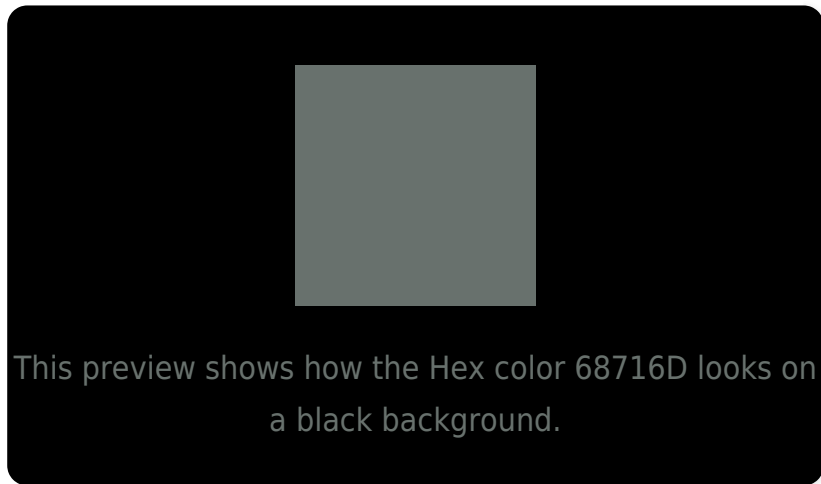
Large Text (above 18pt) WCAG AA ✓ Pass

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

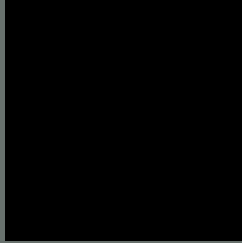
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

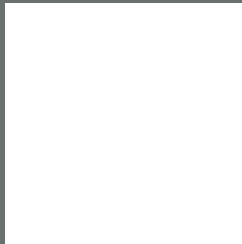
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 68716D Background



This preview shows how black text looks on a background with the Hex color 68716D.



This preview shows how white text looks on a background with the Hex color 68716D.

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
68716D

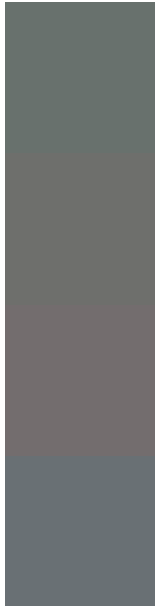
Protanopia
716E6B

Deuteranopia
7A6B6E



Tritanopia
6A6F78

Trichromacy



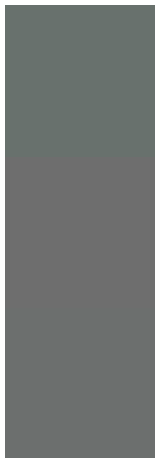
Original Color
68716D

Protanomaly
6E6F6C

Deuteranomaly
736D6E

Tritanomaly
697074

Monochromacy



Original Color
68716D

Achromatopsia
6E6E6E

Achromatomaly
6C6F6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 68716D 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 #68716D looks like.

```
.text, #text, p{  
    color:#68716D  
}
```

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 #68716D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68716D
}
```

Border

The CSS property to change the border of an element to Hex 68716D is called "border". The border property can be set on classes, ids or directly on the HTML element.

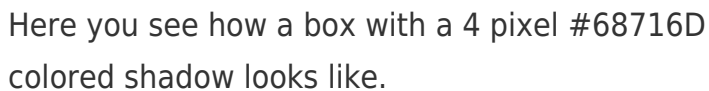
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68716D }
```

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

```
.border{ border-color:#68716D }
```

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



Here you see how a box with a 4 pixel #68716D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68716D; -webkit-box-shadow:4px 4px  
4px 4px #68716D; box-shadow:4px 4px 4px  
4px #68716D }
```

Background

The CSS property to change the background color of an element to Hex 68716D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68716D }
```

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

```
.background{ background-color:#68716D }
```

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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