

Converting Colors

Hex(766B76)

Have a look what the booklet for
Hex(766B76) contains.

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Color

Hex(766B76)

Conversions

Conversions Part 1

Format	Color
Hex	766B76
RGB	118, 107, 118
RGB Percent	46%, 42%, 46%
CMY	0.5373, 0.5804, 0.5373
CMYK	0.00, 0.09, 0.00, 0.54
HSL	300°, 5%, 44%
HSV	300°, 9%, 46%
XYZ	15.9989, 15.6749, 19.3219
YIQ	111.5430, 3.0250, 5.7530

Conversions

Conversions Part 2

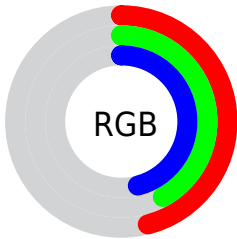
Format	Color
R_{YB}	118, 107, 118
Decimal	7760758
CIE _{Lab}	46.55, 6.48, -4.55
CIE _{LCh}	47, 7.920, 324.906
Yxy	15.6749, 0.3137, 0.3074
Android (android.graphics.Color)	4285950838 (0xFF766B76)
YUV	111.5430, 3.1833, 5.6628
Hunter-Lab	39.5916, 2.8464, -1.2212

Details

The Hex color **766B76** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B766B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **AA9EAA**, and **463C46** is the 20% darker color. If you saturate the color by 10%, you get **765F76**, and if you desaturate by 10%, it is **767776**.

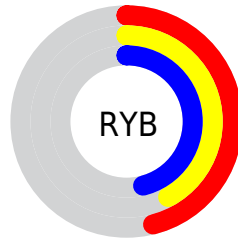
Distribution



Red (46%)

Green (42%)

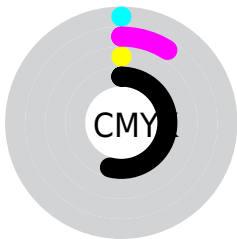
Blue (46%)



Red (46%)

Yellow (42%)

Blue (46%)

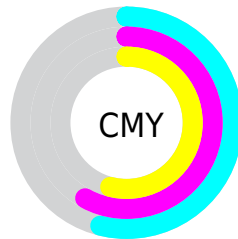


Cyan (0%)

Magenta (9%)

Yellow (0%)

Black (54%)



Cyan (54%)

Magenta (58%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 766B76 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 766B76 by changing the saturation by 10% instead.

■ 766B76

■ 766B76

FFFFFF

■ 5D535D

■ AA9EAA

■ 463C46

■ C5B9C5

■ 2F262F

■ E1D5E1

■ 1B121B

■ FEF1FE

■ 000000

■ 766B76

■ 766B76

■ 765F76

■ 767776

■ 765376

■ 768376

■ 764876

■ 768E76

 763C76

 769A76

 763076

 76A676

 762476

 76B276

 761876

 76BE76

 760D76

 76C976

 760176

 76D576

Harmonies

Analogous

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



6E6D7A



766B76



7B6A70

Triad

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



766B76



756D61



5E7274

Complementary

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



766B76



6B766B

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.



60726D



766B76



6E7062

Square

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



766B76



7A6B64



667166



607179

Rectangle

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



766B76



7D6A6B



667166



5E7271

Sweetspot

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



766B76



999499



6B6B76



4D494D



CCCCCC



4D4D4D

Same Dimension

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



766B76



998899



766B71



3B353B



7A007A



FA00FA

Inverse Universe

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



766B76



998899



6B7671



3B353B



7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 766B76 looks on a white background.

Color Contrast Check

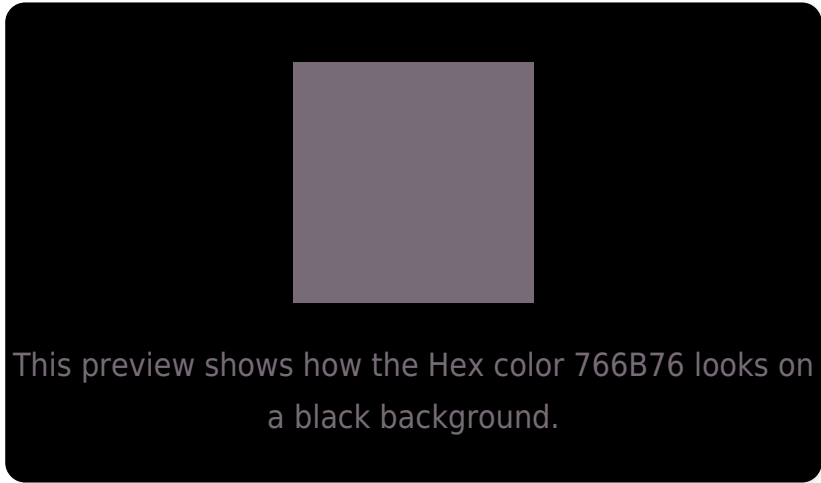
Large Text (above 18pt) WCAG AA ✓ Pass

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

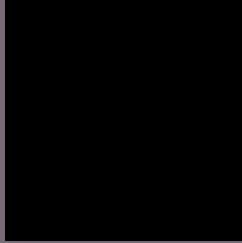
Any Text WCAG AA × Fail

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 766B76 Background



This preview shows how black text looks on a background with the Hex color 766B76.



This preview shows how white text looks on a background with the Hex color 766B76.

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

766B76

Protanopia

6E6E78

Deuteranopia

766B76



Tritanopia
766B74

Trichromacy



Original Color

766B76

Protanomaly

716D77

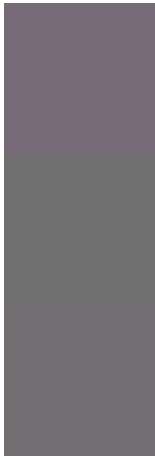
Deuteranomaly

766B76

Tritanomaly

766B75

Monochromacy



Original Color

766B76

Achromatopsia

707070

Achromatomaly

726E72

CSS Examples

Text

The CSS property to change the color of the text to Hex 766B76 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 #766B76 looks like.

```
.text, #text, p{  
    color:#766B76  
}
```

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 #766B76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766B76
}
```

Border

The CSS property to change the border of an element to Hex 766B76 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
#766B76 }
```

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

```
.border{ border-color:#766B76 }
```

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

Here you see how a box with a 4 pixel #766B76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766B76; -webkit-box-shadow:4px 4px  
4px 4px #766B76; box-shadow:4px 4px 4px  
4px #766B76 }
```

Background

The CSS property to change the background color of an element to Hex 766B76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766B76 }
```

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

```
.background{ background-color:#766B76 }
```

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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