

Converting Colors

Hex(766D70)

Have a look what the booklet for
Hex(766D70) contains.

| | |
|--|----|
| Hex(766D70) | 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(766D70)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 766D70 |
| RGB | 118, 109, 112 |
| RGB Percent | 46%, 43%, 44% |
| CMY | 0.5373, 0.5725, 0.5608 |
| CMYK | 0.00, 0.08, 0.05, 0.54 |
| HSL | 340°, 4%, 45% |
| HSV | 340°, 8%, 46% |
| XYZ | 15.8645, 15.9587, 17.5734 |
| YIQ | 112.0330, 4.4010, 2.8410 |

Conversions

Conversions Part 2

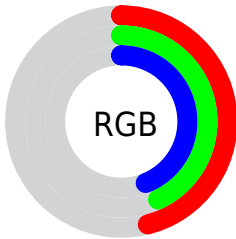
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 118, 109, 112 |
| Decimal | 7761264 |
| CIELab | 46.92, 4.09, -0.41 |
| CIElCh | 47, 4.108, 354.290 |
| Yxy | 15.9587, 0.3212, 0.3231 |
| Android (android.graphics.Color) | 4285951344 (0xFF766D70) |
| YUV | 112.0330, -0.0163, 5.2331 |
| Hunter-Lab | 39.9483, 0.9773, 1.8819 |

Details

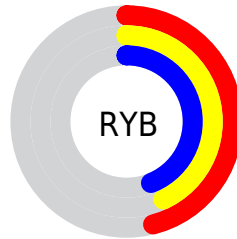
The Hex color **766D70** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6D7673**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **AAA0A4**, and **463E40** is the 20% darker color. If you saturate the color by 10%, you get **766168**, and if you desaturate by 10%, it is **767978**.

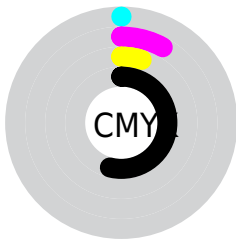
Distribution



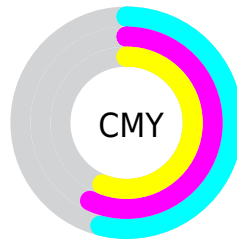
- Red (46%)
- Green (43%)
- Blue (44%)



- Red (46%)
- Yellow (43%)
- Blue (44%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (54%)



- Cyan (54%)
- Magenta (57%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 766D70 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 766D70 by changing the saturation by 10% instead.

■ 766D70

■ 766D70

FFFFFF

■ 5D5558

■ AAA0A4

■ 463E40

■ C5BBBF

■ 2F282A

■ E1D7DB

■ 1B1316

■ FEF4F7

■ 000000

■ 766D70

■ 766D70

■ 766168

■ 767978

■ 765560

■ 768580

■ 764A58

■ 769088

 763E51

 769C8F

 763249

 76A897

 762641

 76B49F

 761A39

 76C0A7

 760F31

 76CBAF

 760329

 76D7B7

Harmonies

Analogous

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



736E73



766D70



776D6D

Triad

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



766D70



6F7069



687175

Complementary

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



766D70



6D7673

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.



677172



766D70



6B716B

Square

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



766D70



736F68



68716E



6B7076

Rectangle

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



766D70



766D6B



68716E



677174

Sweetspot

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



766D70



999697



736D76



4D4B4B



CCCCCC



4D4D4D

Same Dimension

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



766D70



998B90



766E6D



3B3537



7A0029



FA0053

Inverse Universe

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



766D70



998B90



6D7476



3B3537



7A0029



FA0053

Previews

White Background



This preview shows how the Hex color 766D70 looks on a white background.

Color Contrast Check

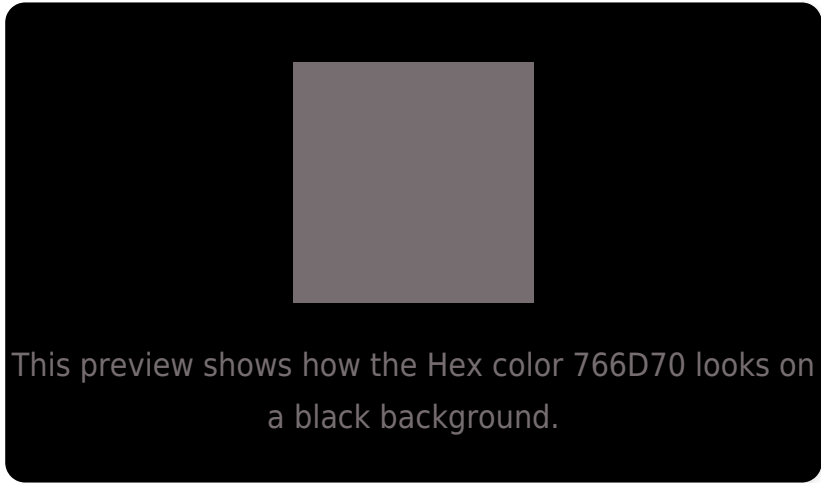
Large Text (above 18pt) WCAG AA ✓ Pass

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

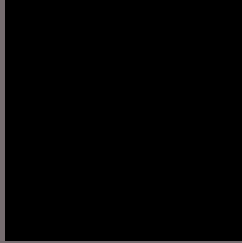
Any Text WCAG AA × Fail

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 766D70 Background



This preview shows how black text looks on a background with the Hex color 766D70.



This preview shows how white text looks on a background with the Hex color 766D70.

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
766D70

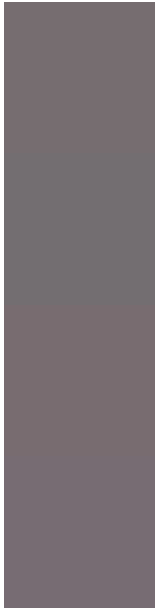
Protanopia
716F71

Deuteranopia
796C70



Tritanopia
776C75

Trichromacy



Original Color

766D70

Protanomaly

736E71

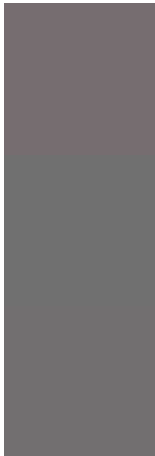
Deuteranomaly

786C70

Tritanomaly

776C73

Monochromacy



Original Color

766D70

Achromatopsia

707070

Achromatomaly

726F70

CSS Examples

Text

The CSS property to change the color of the text to Hex 766D70 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 #766D70 looks like.

```
.text, #text, p{  
    color:#766D70  
}
```

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 #766D70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766D70
}
```

Border

The CSS property to change the border of an element to Hex 766D70 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
#766D70 }
```

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

```
.border{ border-color:#766D70 }
```

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

Here you see how a box with a 4 pixel #766D70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766D70; -webkit-box-shadow:4px 4px  
4px 4px #766D70; box-shadow:4px 4px 4px  
4px #766D70 }
```

Background

The CSS property to change the background color of an element to Hex 766D70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766D70 }
```

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

```
.background{ background-color:#766D70 }
```

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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