

# Converting Colors

Hex(766376)

Have a look what the booklet for  
Hex(766376) contains.

<b>Hex(766376)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(766376)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	766376
RGB	118, 99, 118
RGB Percent	46%, 39%, 46%
CMY	0.5373, 0.6118, 0.5373
CMYK	0.00, 0.16, 0.00, 0.54
HSL	300°, 9%, 43%
HSV	300°, 16%, 46%
XYZ	15.2031, 14.0832, 19.0566
YIQ	106.8470, 5.2250, 9.9370

# Conversions

## Conversions Part 2

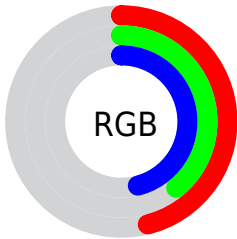
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 99, 118
Decimal	7758710
CIE Lab	44.35, 11.28, -7.82
CIE LCh	44, 13.722, 325.269
Yxy	14.0832, 0.3145, 0.2913
Android (android.graphics.Color)	4285948790 (0xFF766376)
YUV	106.8470, 5.4984, 9.7812
Hunter-Lab	37.5276, 6.6399, -3.8382

# Details

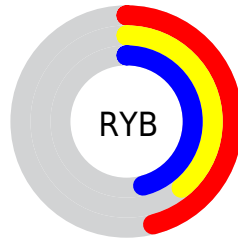
The Hex color **766376** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **637663**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **AA96AA**, and **463446** is the 20% darker color. If you saturate the color by 10%, you get **765776**, and if you desaturate by 10%, it is **766F76**.

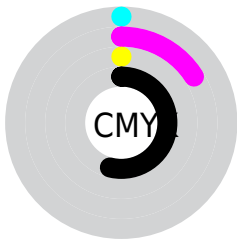
# Distribution



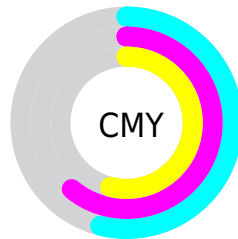
- Red (46%)
- Green (39%)
- Blue (46%)



- Red (46%)
- Yellow (39%)
- Blue (46%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (54%)



- Cyan (54%)
- Magenta (61%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 766376 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 766376 by changing the saturation by 10% instead.



 766376

 766376

FFFFFF

 5D4B5D

 AA96AA

 463446

 C6B1C5

 2F1F2F

 E2CCE1

 1B081B

 FEE8FE

 000000

 766376

 766376

 765776

 766F76

 764B76

 767B76

 764076

 768676

■ 763476

■ 769276

■ 762876

■ 769E76

■ 761C76

■ 76AA76

■ 761076

■ 76B676

■ 760576

■ 76C176

■ 760076

■ 76CD76

# Harmonies

## Analogous

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



69677D



766376



7E616B

# Triad

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



766376



736752



4A6F72

# Complementary

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



766376



637663

# 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.



4F6F67



766376



676B54

# Square

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



766376



7D6457



5A6E5C



4E6E7B

# Rectangle

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



766376



816163



5A6E5C



4B6F6E



# Sweetspot

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



766376



999199



636376



4D484D



CCCCCC



4D4D4D



# Same Dimension

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



766376



997C99



76636D



3B353B



7A007A



FA00FA



# Inverse Universe

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



766376



997C99



63766D



3B353B



7A007A



FA00FA



# Previews

## White Background



This preview shows how the Hex color 766376 looks on a white background.

## Color Contrast Check

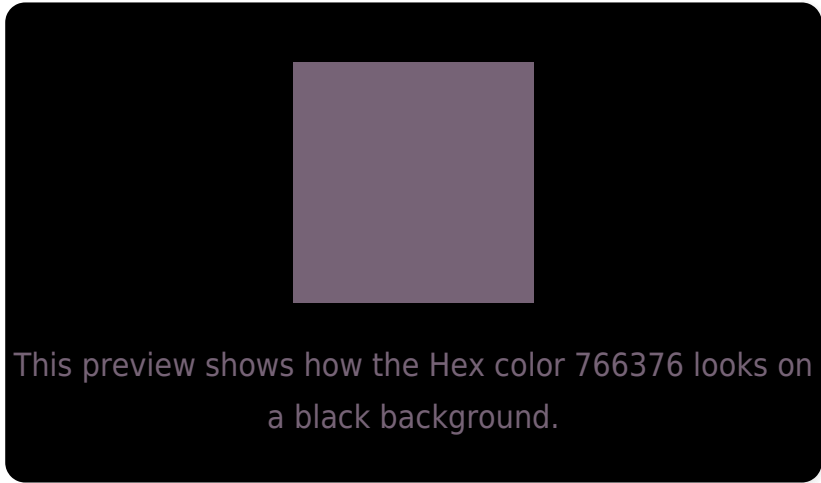
Large Text (above 18pt) WCAG AA ✓ Pass

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

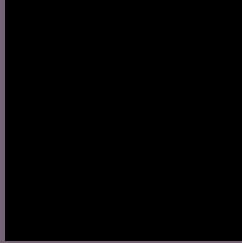
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 766376 Background



This preview shows how black text looks on a background with the Hex color 766376.



This preview shows how white text looks on a background with the Hex color 766376.

# 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**  
766376

**Protanopia**  
666879

**Deuteranopia**  
6D6675



**Tritanopia**  
75656D

# Trichromacy



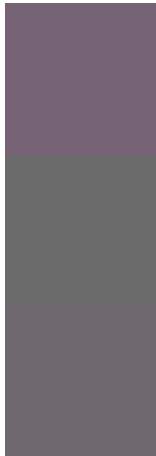
**Original Color**  
766376

**Protanomaly**  
6C6678

**Deuteranomaly**  
706575

**Tritanomaly**  
756470

# Monochromacy



**Original Color**  
766376

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
6F686F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 766376 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 #766376 looks like.

```
.text, #text, p{  
    color:#766376  
}
```

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 #766376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766376
}
```

## Border

The CSS property to change the border of an element to Hex 766376 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
#766376 }
```

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

```
.border{ border-color:#766376 }
```

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

Here you see how a box with a 4 pixel #766376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766376; -webkit-box-shadow:4px 4px  
4px 4px #766376; box-shadow:4px 4px 4px  
4px #766376 }
```

# Background

The CSS property to change the background color of an element to Hex 766376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766376 }
```

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

```
.background{ background-color:#766376 }
```

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