

# Converting Colors

Hex(765865)

Have a look what the booklet for  
Hex(765865) contains.

<b>Hex(765865)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(765865)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	765865
RGB	118, 88, 101
RGB Percent	46%, 35%, 40%
CMY	0.5373, 0.6549, 0.6039
CMYK	0.00, 0.25, 0.14, 0.54
HSL	334°, 15%, 40%
HSV	334°, 25%, 46%
XYZ	13.3099, 11.7706, 13.8824
YIQ	98.4520, 13.7070, 10.4030

# Conversions

## Conversions Part 2

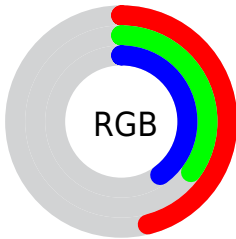
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 88, 101
Decimal	7755877
CIE <sub>Lab</sub>	40.85, 14.61, -2.65
CIE <sub>LCh</sub>	41, 14.845, 349.733
Yxy	11.7706, 0.3416, 0.3021
Android (android.graphics.Color)	4285945957 (0xFF765865)
YUV	98.4520, 1.2562, 17.1436
Hunter-Lab	34.3083, 9.2096, 0.0249

# Details

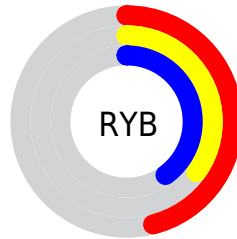
The Hex color **765865** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **587669**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **AB8A98**, and **452A36** is the 20% darker color. If you saturate the color by 10%, you get **764C5E**, and if you desaturate by 10%, it is **76646C**.

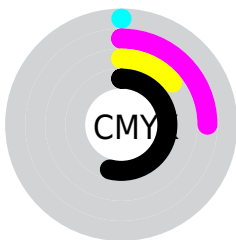
# Distribution



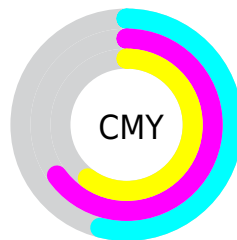
- Red (46%)
- Green (35%)
- Blue (40%)



- Red (46%)
- Yellow (35%)
- Blue (40%)



- Cyan (0%)
- Magenta (25%)
- Yellow (14%)
- Black (54%)



- Cyan (54%)
- Magenta (65%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 765865 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 765865 by changing the saturation by 10% instead.



 765865

 765865

FFFFFF

 5D404D

 AB8A98

 452A36

 C6A4B3

 2E1521

 E2C0CE

 1C000A

 FFDCEA

 000000

 FFF8FF

 765865

 765865

 764C5E

 76646C

 764058

 767072

763551

767B79

76294A

768780

761D44

769386

76113D

769F8D

760536

76AB94

760033

76B69A

76C2A1

# Harmonies

## Analogous

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



6C5B70



765865



795859

# Triad

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



765865



616249



406672

# Complementary

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



765865



587669

# 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.



3E6768



765865



536550

# Square

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



765865



6D5E49



46675C



4C6378

# Rectangle

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



765865



785951



46675C



3F666F



# Sweetspot

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



765865



998D92



695876



4D4548



CCCCCC



4D4D4D



# Same Dimension

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



765865



996A7E



765A58



3B3537



7A0035



FA006C



# Inverse Universe

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



765865



996A7E



587476



3B3537



7A0035

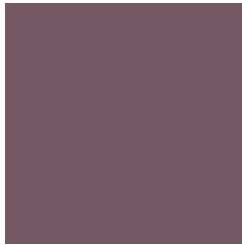


FA006C



# Previews

## White Background



This preview shows how the Hex color 765865 looks on a white background.

## Color Contrast Check

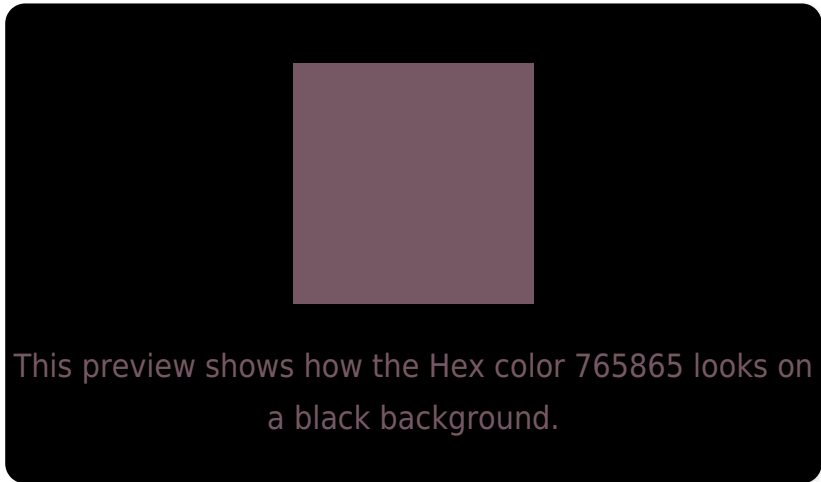
Large Text (above 18pt) WCAG AA ✓ Pass

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

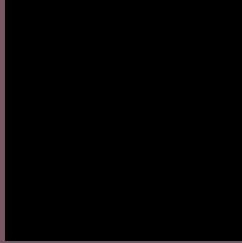
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 765865 Background



This preview shows how black text looks on a background with the Hex color 765865.



This preview shows how white text looks on a background with the Hex color 765865.

# 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**  
765865

**Protanopia**  
60606A

**Deuteranopia**  
685E64



**Tritanopia**  
755960

# Trichromacy



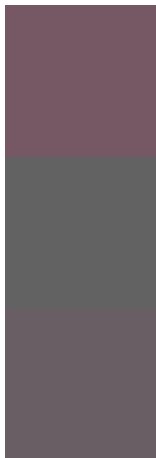
**Original Color**  
765865

**Protanomaly**  
685D68

**Deuteranomaly**  
6D5C64

**Tritanomaly**  
755962

# Monochromacy



**Original Color**  
765865

**Achromatopsia**  
626262

**Achromatomaly**  
695E63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 765865 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 #765865 looks like.

```
.text, #text, p{  
    color:#765865  
}
```

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 #765865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #765865
}
```

## Border

The CSS property to change the border of an element to Hex 765865 is called "border". The border property can be set on classes, ids or directly on the HTML element.

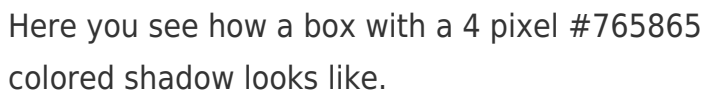
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#765865 }
```

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

```
.border{ border-color:#765865 }
```

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



Here you see how a box with a 4 pixel #765865 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #765865; -webkit-box-shadow:4px 4px  
4px 4px #765865; box-shadow:4px 4px 4px  
4px #765865 }
```

# Background

The CSS property to change the background color of an element to Hex 765865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#765865 }
```

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

```
.background{ background-color:#765865 }
```

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