

# Converting Colors

Hex(765870)

Have a look what the booklet for  
Hex(765870) contains.

<b>Hex(765870)</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(765870)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	765870
RGB	118, 88, 112
RGB Percent	46%, 35%, 44%
CMY	0.5373, 0.6549, 0.5608
CMYK	0.00, 0.25, 0.05, 0.54
HSL	312°, 15%, 40%
HSV	312°, 25%, 46%
XYZ	13.8856, 12.0009, 16.9138
YIQ	99.7060, 10.1760, 13.8240

# Conversions

## Conversions Part 2

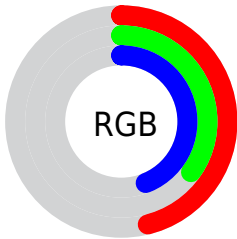
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 88, 112
Decimal	7755888
CIE Lab	41.22, 16.71, -8.86
CIE LCh	41, 18.914, 332.063
Yxy	12.0009, 0.3244, 0.2804
Android (android.graphics.Color)	4285945968 (0xFF765870)
YUV	99.7060, 6.0609, 16.0438
Hunter-Lab	34.6422, 10.9238, -4.6983

# Details

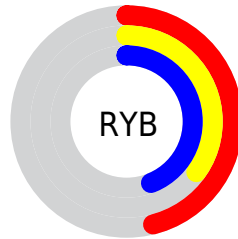
The Hex color **765870** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **58765E**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **AB8AA4**, and **452A40** is the 20% darker color. If you saturate the color by 10%, you get **764C6E**, and if you desaturate by 10%, it is **766472**.

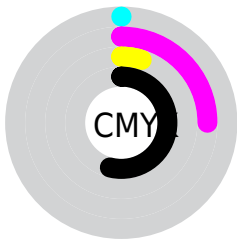
# Distribution



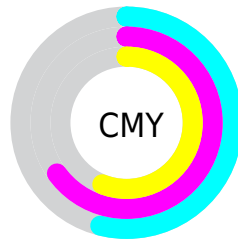
- Red (46%)
- Green (35%)
- Blue (44%)



- Red (46%)
- Yellow (35%)
- Blue (44%)



- Cyan (0%)
- Magenta (25%)
- Yellow (5%)
- Black (54%)



- Cyan (54%)
- Magenta (65%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 765870 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 765870 by changing the saturation by 10% instead.



 765870

 765870

FFFFFF

 5D4058

 AB8AA4

 452A40

 C6A5BF

 2E152A

 E2C0DB

 1C0016

 FFDCF7

 000000

 FFF8FF

 765870

 765870

 764C6E

 766472

 76406B

 767075

763569

767B77

762967

768779

761D64

76937C

761162

769F7E

76055F

76AB81

76005E

76B683

76C285

# Harmonies

## Analogous

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



655D7B



765870



7F5661

# Triad

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



765870



6B6142



316971

# Complementary

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



765870



58765E

# 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.



386A62



765870



5B6547

# Square

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



765870



785B46



496852



3A677C

# Rectangle

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



765870



805656



496852



326A6C



# Sweetspot

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



765870



998D97



5E5876



4D454B



CCCCCC



4D4D4D



# Same Dimension

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



765870



996A90



765861



3B3539



7A0062



FA00C8



# Inverse Universe

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



765870



996A90



58766D



3B3539



7A0062

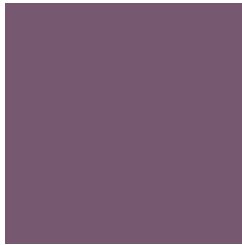


FA00C8



# Previews

## White Background



This preview shows how the Hex color 765870 looks on a white background.

## Color Contrast Check

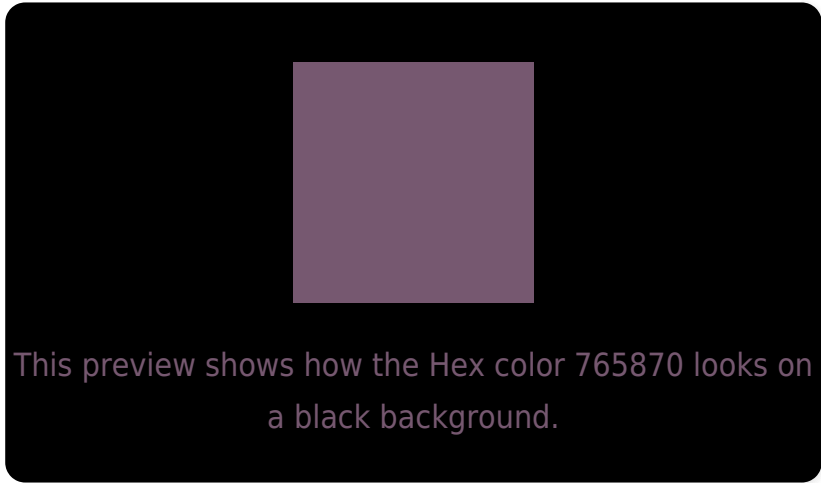
Large Text (above 18pt) WCAG AA ✓ Pass

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

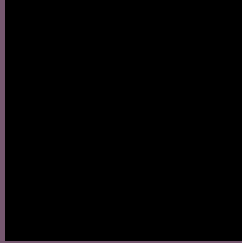
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 765870 Background



This preview shows how black text looks on a background with the Hex color 765870.



This preview shows how white text looks on a background with the Hex color 765870.

# 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**  
765870

**Protanopia**  
5D6176

**Deuteranopia**  
655F6F



**Tritanopia**  
745B62

# Trichromacy



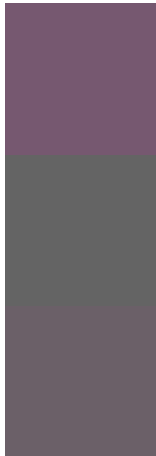
**Original Color**  
765870

**Protanomaly**  
665E74

**Deuteranomaly**  
6B5C6F

**Tritanomaly**  
755A67

# Monochromacy



**Original Color**  
765870

**Achromatopsia**  
646464

**Achromatomaly**  
6B6068

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 765870 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 #765870 looks like.

```
.text, #text, p{  
    color:#765870  
}
```

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 #765870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #765870
}
```

## Border

The CSS property to change the border of an element to Hex 765870 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
#765870 }
```

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

```
.border{ border-color:#765870 }
```

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

Here you see how a box with a 4 pixel #765870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #765870; -webkit-box-shadow:4px 4px  
4px 4px #765870; box-shadow:4px 4px 4px  
4px #765870 }
```

# Background

The CSS property to change the background color of an element to Hex 765870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#765870 }
```

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

```
.background{ background-color:#765870 }
```

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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