

# Converting Colors

Hex(685461)

Have a look what the booklet for  
Hex(685461) contains.

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# Color

**Hex(685461)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	685461
RGB	104, 84, 97
RGB Percent	41%, 33%, 38%
CMY	0.5922, 0.6706, 0.6196
CMYK	0.00, 0.19, 0.07, 0.59
HSL	321°, 11%, 37%
HSV	321°, 19%, 41%
XYZ	11.0369, 10.1468, 12.6861
YIQ	91.4620, 7.7470, 8.2830

# Conversions

## Conversions Part 2

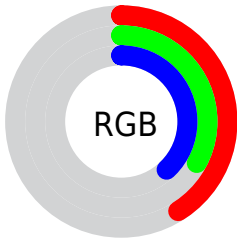
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 84, 97
Decimal	6837345
CIE <sub>Lab</sub>	38.10, 10.73, -4.40
CIE <sub>LCh</sub>	38, 11.592, 337.697
Yxy	10.1468, 0.3259, 0.2996
Android (android.graphics.Color)	4285027425 (0xFF685461)
YUV	91.4620, 2.7302, 10.9958
Hunter-Lab	31.8540, 6.1030, -1.3149




# Details

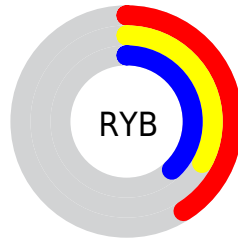
The Hex color **685461** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **54685B**, and the grayscale version is **5B5B5B**.




A 20% lighter version of the original color is **9B8694**, and **392733** is the 20% darker color. If you saturate the color by 10%, you get **684A5D**, and if you desaturate by 10%, it is **685E65**.

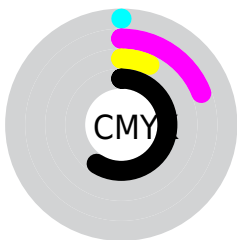
# Distribution







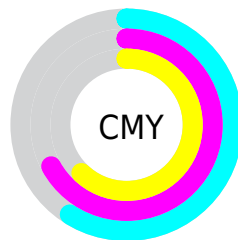
-  Red (41%)
-  Green (33%)
-  Blue (38%)






-  Red (41%)
-  Yellow (33%)
-  Blue (38%)



-  Cyan (0%)
-  Magenta (19%)
-  Yellow (7%)
-  Black (59%)



-  Cyan (59%)
-  Magenta (67%)
-  Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 685461 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 685461 by changing the saturation by 10% instead.





685461



685461

FFFFFF



503D49



9B8694



392733



B6A0AE



23131E



D2BBCA



050003



EED7E6



000000



FFF3FF



685461



685461



684A5D



685E65



683F5A



686968

683556

68736C

682A52

687E70

68204F

688873

68164B

689277

680B48

689D7A

680144

68A77E

680044

68B282

# Harmonies

## Analogous

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



5E5769



685461



6D5358

# Triad

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



685461



5F5A47



415F65

# Complementary

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



685461



54685B

# 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.



425F5C



685461



545D4B

# Square

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



685461



675749



4A5E52



475D6B

# Rectangle

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



685461



6D5451



4A5E52



405F62



# Sweetspot

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



685461



877F84



5B5468



454043



C4C4C4



454545



# Same Dimension

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



685461



87687C



685457



332E31



73004B



F2009D



# Inverse Universe

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



685461



87687C



546865



332E31



73004B



F2009D



# Previews

## White Background



This preview shows how the Hex color 685461 looks on a white background.

## Color Contrast Check

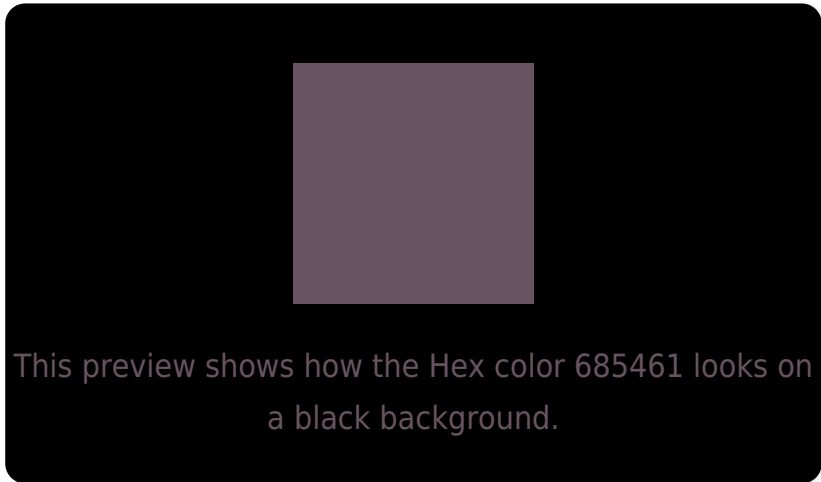
Large Text (above 18pt) WCAG AA ✓ Pass

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

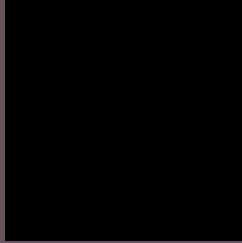
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 685461 Background



This preview shows how black text looks on a background with the Hex color 685461.



This preview shows how white text looks on a background with the Hex color 685461.

# 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**  
685461

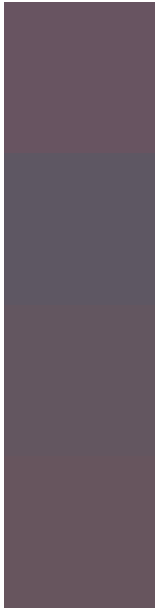
**Protanopia**  
585964

**Deuteranopia**  
605760



**Tritanopia**  
67555C

# Trichromacy



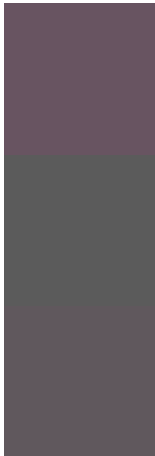
**Original Color**  
685461

**Protanomaly**  
5E5763

**Deuteranomaly**  
635660

**Tritanomaly**  
67555E

# Monochromacy



**Original Color**  
685461

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
60585D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 685461 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 #685461 looks like.

```
.text, #text, p{  
    color:#685461  
}
```

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 #685461 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685461
}
```

## Border

The CSS property to change the border of an element to Hex 685461 is called "border". The border property can be set on classes, ids or directly on the HTML element.

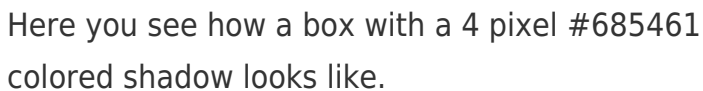
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#685461 }
```

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

```
.border{ border-color:#685461 }
```

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



Here you see how a box with a 4 pixel #685461 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685461; -webkit-box-shadow:4px 4px  
4px 4px #685461; box-shadow:4px 4px 4px  
4px #685461 }
```

# Background

The CSS property to change the background color of an element to Hex 685461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685461 }
```

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

```
.background{ background-color:#685461 }
```

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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