

# Converting Colors

Hex(685E70)

Have a look what the booklet for  
Hex(685E70) contains.

<b>Hex(685E70)</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(685E70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	685E70
RGB	104, 94, 112
RGB Percent	41%, 37%, 44%
CMY	0.5922, 0.6314, 0.5608
CMYK	0.07, 0.16, 0.00, 0.56
HSL	273°, 9%, 40%
HSV	273°, 16%, 44%
XYZ	12.6363, 12.1183, 17.0023
YIQ	99.0420, 0.1820, 7.7180

# Conversions

## Conversions Part 2

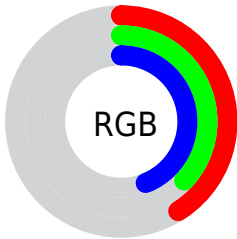
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	104, 94, 112
Decimal	6839920
CIE Lab	41.40, 7.76, -8.73
CIE LCh	41, 11.679, 311.644
Yxy	12.1183, 0.3026, 0.2902
Android (android.graphics.Color)	4285030000 (0xFF685E70)
YUV	99.0420, 6.3883, 4.3482
Hunter-Lab	34.8114, 3.8742, -4.5900

# Details

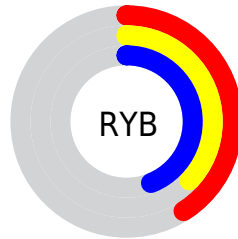
The Hex color **685E70** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **66705E**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9B90A4**, and **393040** is the 20% darker color. If you saturate the color by 10%, you get **635370**, and if you desaturate by 10%, it is **6D6970**.

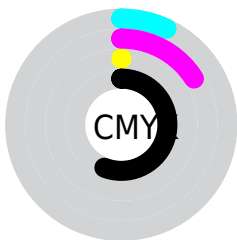
# Distribution



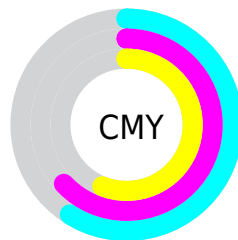
- Red (41%)
- Green (37%)
- Blue (44%)



- Red (41%)
- Yellow (37%)
- Blue (44%)



- Cyan (7%)
- Magenta (16%)
- Yellow (0%)
- Black (56%)



- Cyan (59%)
- Magenta (63%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 685E70 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 685E70 by changing the saturation by 10% instead.



685E70

685E70

FFFFFF

504658

9B90A4

393040

B6ABBF

231B2A

D2C6DB

0F0016

EEE2F7

000000

685E70

685E70

635370

6D6970

5E4870

727470

593C70

778070

■ 543170

■ 7C8B70

■ 4F2670

■ 819670

■ 4A1B70

■ 86A170

■ 451070

■ 8BAC70

■ 400470

■ 90B870

■ 3E0070

■ 95C370

# Harmonies

## Analogous

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



5C6174



685E70



715C68

# Triad

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



685E70



6F5F50



496765

# Complementary

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



685E70



66705E

# 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.



50675B



685E70



65624F

# Square

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



685E70



755C55



5A6553



49666E

# Rectangle

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



685E70



755B61



5A6553



4B6762



# Sweetspot

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



685E70



8E8A91



5E6670



48464A



C9C9C9



4A4A4A



# Same Dimension

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



685E70



857691



705E6F



363238



430078



8900F7



# Inverse Universe

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



705E66



917682



5E705F



383235



780035



F7006E



# Previews

## White Background



This preview shows how the Hex color 685E70 looks on a white background.

## Color Contrast Check

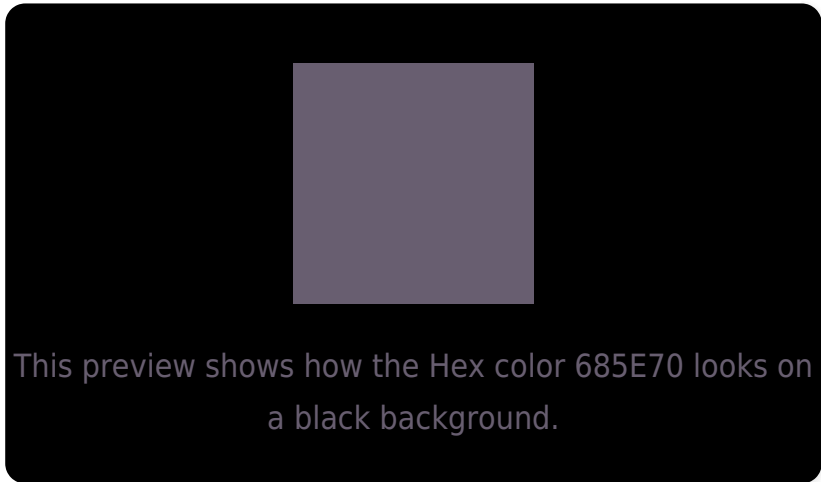
Large Text (above 18pt) WCAG AA ✓ Pass

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

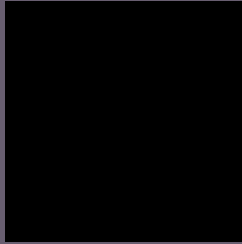
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 685E70 Background



This preview shows how black text looks on a background with the Hex color 685E70.



This preview shows how white text looks on a background with the Hex color 685E70.

# 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**  
685E70

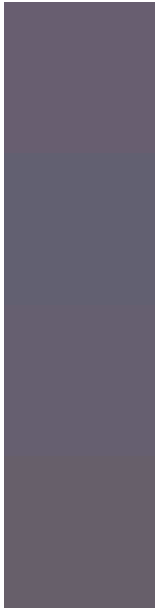
**Protanopia**  
5F6172

**Deuteranopia**  
655F70



**Tritanopia**  
676067

# Trichromacy



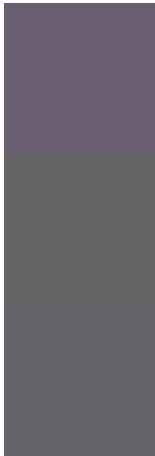
**Original Color**  
685E70

**Protanomaly**  
626071

**Deuteranomaly**  
665F70

**Tritanomaly**  
675F6A

# Monochromacy



**Original Color**  
685E70

**Achromatopsia**  
636363

**Achromatomaly**  
656168

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 685E70 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 #685E70 looks like.

```
.text, #text, p{  
    color:#685E70  
}
```

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 #685E70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685E70
}
```

## Border

The CSS property to change the border of an element to Hex 685E70 is called "border". The border property can be set on classes, ids or directly on the HTML element.

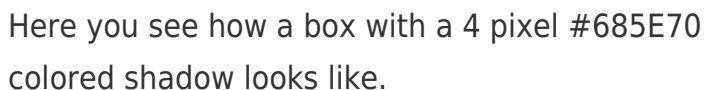
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#685E70 }
```

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

```
.border{ border-color:#685E70 }
```

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



Here you see how a box with a 4 pixel #685E70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685E70; -webkit-box-shadow:4px 4px  
4px 4px #685E70; box-shadow:4px 4px 4px  
4px #685E70 }
```

# Background

The CSS property to change the background color of an element to Hex 685E70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685E70 }
```

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

```
.background{ background-color:#685E70 }
```

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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