

# Converting Colors

Hex(655E7B)

Have a look what the booklet for  
Hex(655E7B) contains.

<b>Hex(655E7B)</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(655E7B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	655E7B
RGB	101, 94, 123
RGB Percent	40%, 37%, 48%
CMY	0.6039, 0.6314, 0.5176
CMYK	0.18, 0.24, 0.00, 0.52
HSL	254°, 13%, 43%
HSV	254°, 24%, 48%
XYZ	12.9447, 12.2022, 20.4119
YIQ	99.3990, -5.1370, 10.5030

# Conversions

## Conversions Part 2

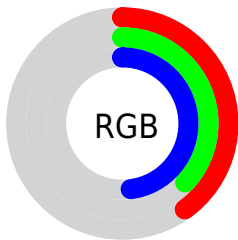
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 94, 123
Decimal	6643323
CIE <sub>Lab</sub>	41.54, 9.25, -15.27
CIE <sub>LCh</sub>	42, 17.849, 301.216
Yxy	12.2022, 0.2841, 0.2678
Android (android.graphics.Color)	4284833403 (0xFF655E7B)
YUV	99.3990, 11.6353, 1.4041
Hunter-Lab	34.9316, 5.0168, -10.1933

# Details

The Hex color **655E7B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **747B5E**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9890B0**, and **36304A** is the 20% darker color. If you saturate the color by 10%, you get **5C527B**, and if you desaturate by 10%, it is **6E6A7B**.

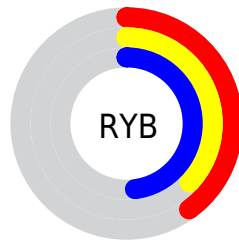
# Distribution



Red (40%)

Green (37%)

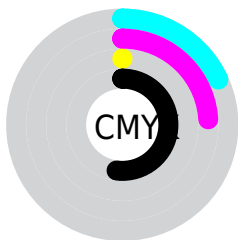
Blue (48%)



Red (40%)

Yellow (37%)

Blue (48%)

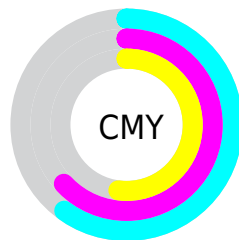


Cyan (18%)

Magenta (24%)

Yellow (0%)

Black (52%)



Cyan (60%)

Magenta (63%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 655E7B 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 655E7B by changing the saturation by 10% instead.



■ 655E7B

■ 655E7B

FFFFFF

■ 4D4662

■ 9890B0

■ 36304A

■ B3ABCB

■ 201B33

■ CFC6E7

■ 0C001F

■ EBE2FF

■ 000002

■ 000000

■ 655E7B

■ 655E7B

■ 5C527B

■ 6E6A7B

■ 52457B

■ 78777B

49397B

81837B

402D7B

8A8F7B

36207B

949B7B

2D147B

9DA87B

24087B

A6B47B

1E007B

B0C07B

B9CD7B

# Harmonies

## Analogous

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



50637F



655E7B



755970

# Triad

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



655E7B



785C49



3C6A62

# Complementary

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



655E7B



747B5E

# 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.



4B6953



655E7B



6C6145

# Square

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



655E7B



7F5853



5C6649



366A71

# Rectangle

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



655E7B



7C5867



5C6649



416A5D



# Sweetspot

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



655E7B



9895A1



5E747B



4D4B52



D1D1D1



525252



# Same Dimension

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



655E7B



7F74A1



735E7B



39373D



1E007D



3D00FC



# Inverse Universe

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



7B5E74



A17496



667B5E



3D373C



7D005F



FC00C0



# Previews

## White Background



This preview shows how the Hex color 655E7B looks on a white background.

## Color Contrast Check

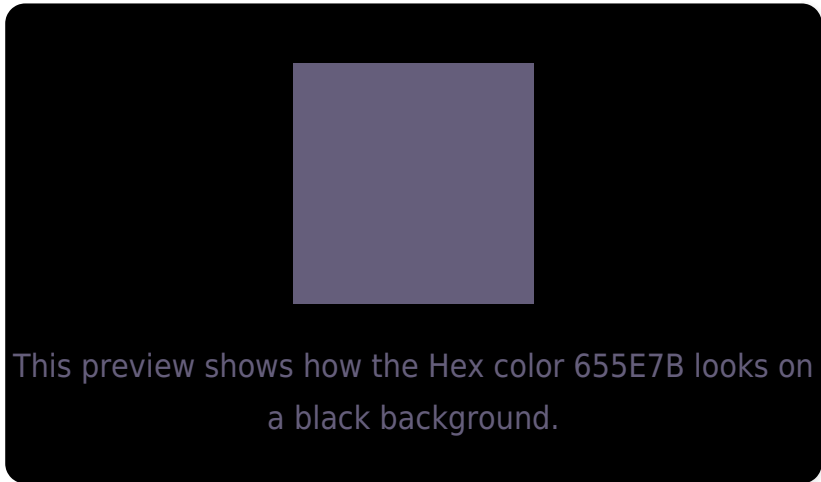
Large Text (above 18pt) WCAG AA ✓ Pass

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

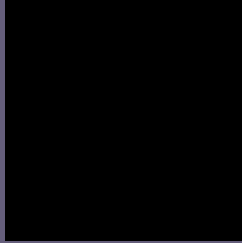
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 655E7B Background



This preview shows how black text looks on a background with the Hex color 655E7B.



This preview shows how white text looks on a background with the Hex color 655E7B.

# 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**  
655E7B

**Protanopia**  
5B617D

**Deuteranopia**  
5F607B



**Tritanopia**  
626169

# Trichromacy



**Original Color**  
655E7B

**Protanomaly**  
5F607C

**Deuteranomaly**  
615F7B

**Tritanomaly**  
636070

# Monochromacy



**Original Color**  
655E7B

**Achromatopsia**  
636363

**Achromatomaly**  
64616C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 655E7B 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 #655E7B looks like.

```
.text, #text, p{  
    color:#655E7B  
}
```

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 #655E7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #655E7B  
}
```

## Border

The CSS property to change the border of an element to Hex 655E7B 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  
#655E7B }
```

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

```
.border{ border-color:#655E7B }
```

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

Here you see how a box with a 4 pixel #655E7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #655E7B; -webkit-box-shadow:4px 4px  
4px 4px #655E7B; box-shadow:4px 4px 4px  
4px #655E7B }
```

# Background

The CSS property to change the background color of an element to Hex 655E7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#655E7B }
```

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

```
.background{ background-color:#655E7B }
```

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