

# Converting Colors

Hex(665B87)

Have a look what the booklet for  
Hex(665B87) contains.

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# Color

Hex(665B87)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	665B87
RGB	102, 91, 135
RGB Percent	40%, 36%, 53%
CMY	0.6000, 0.6431, 0.4706
CMYK	0.24, 0.33, 0.00, 0.47
HSL	255°, 19%, 44%
HSV	255°, 33%, 53%
XYZ	13.5937, 12.0562, 24.5323
YIQ	99.3050, -7.5680, 16.0160

# Conversions

## Conversions Part 2

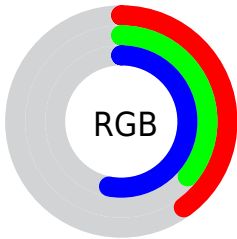
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 91, 135
Decimal	6708103
CIE <sub>Lab</sub>	41.31, 14.47, -22.90
CIE <sub>LCh</sub>	41, 27.088, 302.297
Yxy	12.0562, 0.2709, 0.2402
Android (android.graphics.Color)	4284898183 (0xFF665B87)
YUV	99.3050, 17.5976, 2.3635
Hunter-Lab	34.7221, 9.1194, -17.5849

# Details

The Hex color **665B87** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7C875B**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9A8DBC**, and **362D55** is the 20% darker color. If you saturate the color by 10%, you get **5C4E87**, and if you desaturate by 10%, it is **706987**.

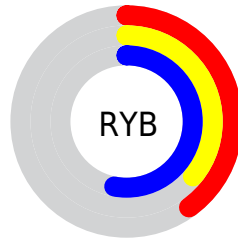
# Distribution



Red (40%)

Green (36%)

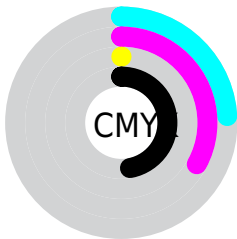
Blue (53%)



Red (40%)

Yellow (36%)

Blue (53%)

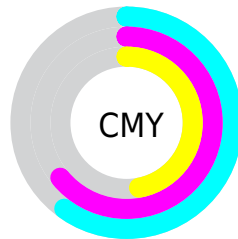


Cyan (24%)

Magenta (33%)

Yellow (0%)

Black (47%)



Cyan (60%)

Magenta (64%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 665B87 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 665B87 by changing the saturation by 10% instead.



■ 665B87

■ 665B87

FFFFFF

■ 4D436E

■ 9A8DBC

■ 362D55

■ B5A8D8

■ 1F183E

■ D1C3F5

■ 0C0028

■ EDDFFF

■ 000112

■ FFFBFF

■ 000000

■ 665B87

■ 665B87

■ 5C4E87

■ 706987

■ 524087

■ 7A7687

483387

848487

3E2587

8F9187

331887

999F87

290A87

A3AC87

220087

ADBA87

B7C787

C1D487

# Harmonies

## Analogous

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



43638E



665B87



7F5376

# Triad

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



665B87



80593B



186D62

# Complementary

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



665B87



7C875B

# 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.



3C6B4C



665B87



6E6134

# Square

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



665B87



8B524B



57673B



006C78

# Rectangle

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



665B87



885068



57673B



266D5B



# Sweetspot

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



665B87



A39EB0



5B7C87



514F59



D9D9D9



595959



# Same Dimension

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



665B87



7C6BB0



7C5B87



3D3C42



210082



010003



# Inverse Universe

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



875B7C



B06B9F



66875B



423C41



820062



030002



# Previews

## White Background



This preview shows how the Hex color 665B87 looks on a white background.

## Color Contrast Check

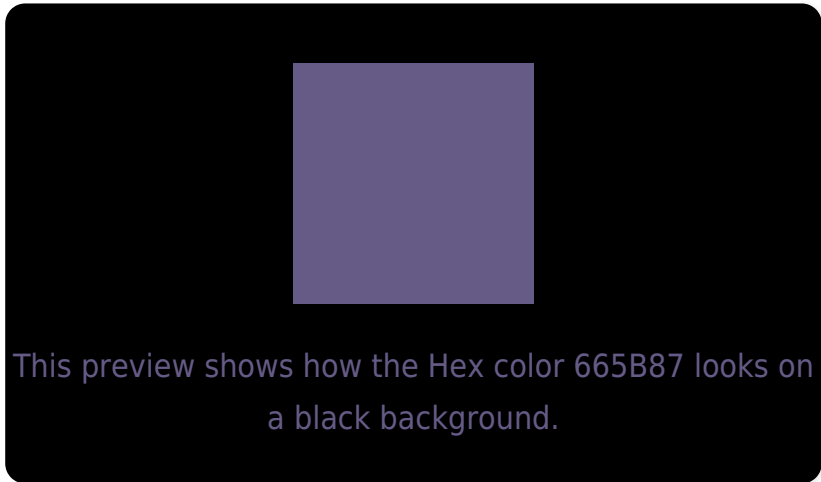
Large Text (above 18pt) WCAG AA ✓ Pass

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

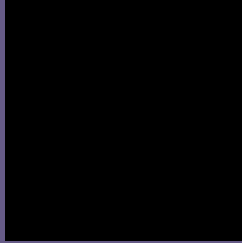
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 665B87 Background



This preview shows how black text looks on a background with the Hex color 665B87.

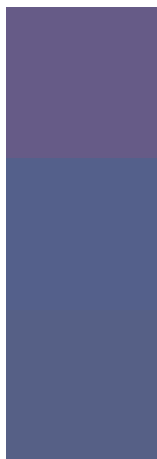


This preview shows how white text looks on a background with the Hex color 665B87.

# 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**  
665B87

**Protanopia**  
54608B

**Deuteranopia**  
566086



**Tritanopia**  
606169

# Trichromacy



**Original Color**  
665B87

**Protanomaly**  
5B5E8A

**Deuteranomaly**  
5C5E86

**Tritanomaly**  
625F74

# Monochromacy



**Original Color**  
665B87

**Achromatopsia**  
636363

**Achromatomaly**  
646070

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 665B87 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 #665B87 looks like.

```
.text, #text, p{  
    color:#665B87  
}
```

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 #665B87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #665B87
}
```

## Border

The CSS property to change the border of an element to Hex 665B87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

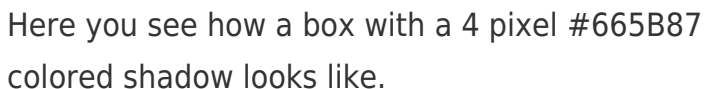
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#665B87 }
```

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

```
.border{ border-color:#665B87 }
```

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



Here you see how a box with a 4 pixel #665B87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #665B87; -webkit-box-shadow:4px 4px  
4px 4px #665B87; box-shadow:4px 4px 4px  
4px #665B87 }
```

# Background

The CSS property to change the background color of an element to Hex 665B87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#665B87 }
```

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

```
.background{ background-color:#665B87 }
```

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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