

# Converting Colors

Hex(665D78)

Have a look what the booklet for  
Hex(665D78) contains.

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# Color

**Hex(665D78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	665D78
RGB	102, 93, 120
RGB Percent	40%, 36%, 47%
CMY	0.6000, 0.6353, 0.5294
CMYK	0.15, 0.22, 0.00, 0.53
HSL	260°, 13%, 42%
HSV	260°, 23%, 47%
XYZ	12.7840, 12.0095, 19.4136
YIQ	98.7690, -3.3030, 10.3050

# Conversions

## Conversions Part 2

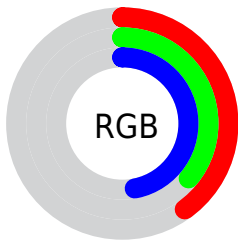
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 93, 120
Decimal	6708600
CIE <sub>Lab</sub>	41.23, 9.49, -13.89
CIE <sub>LCh</sub>	41, 16.827, 304.348
Yxy	12.0095, 0.2892, 0.2717
Android (android.graphics.Color)	4284898680 (0xFF665D78)
YUV	98.7690, 10.4669, 2.8336
Hunter-Lab	34.6548, 5.2020, -8.9558

# Details

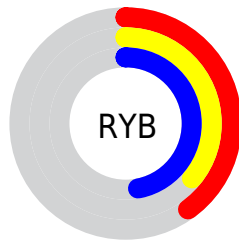
The Hex color **665D78** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6F785D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **998FAC**, and **372F47** is the 20% darker color. If you saturate the color by 10%, you get **5E5178**, and if you desaturate by 10%, it is **6E6978**.

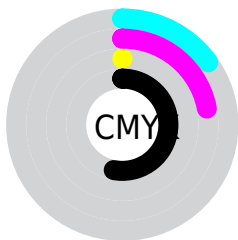
# Distribution



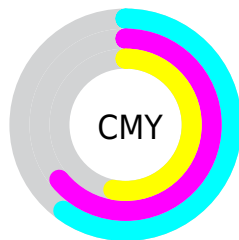
- Red (40%)
- Green (36%)
- Blue (47%)



- Red (40%)
- Yellow (36%)
- Blue (47%)



- Cyan (15%)
- Magenta (22%)
- Yellow (0%)
- Black (53%)



- Cyan (60%)
- Magenta (64%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 665D78 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 665D78 by changing the saturation by 10% instead.



■ 665D78

■ 665D78

FFFFFF

■ 4E455F

■ 998FAC

■ 372F47

■ B4AAC8

■ 211A31

■ D0C5E4

■ 0D001C

■ ECE1FF

■ 000000

FFFEFF

■ 665D78

■ 665D78

■ 5E5178

■ 6E6978

■ 564578

■ 767578

■ 4E3978

■ 7E8178

■ 462D78

■ 868D78

■ 3E2178

■ 8E9978

■ 361578

■ 96A578

■ 2E0978

■ 9EB178

■ 280078

■ A6BD78

■ AEC978

# Harmonies

## Analogous

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



53627D



665D78



75596D

# Triad

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



665D78



765C49



3D6963

# Complementary

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



665D78



6F785D

# 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.



4A6855



665D78



696146

# Square

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



665D78



7C5952



5A654A



396870

# Rectangle

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



665D78



7B5764



5A654A



41695E



# Sweetspot

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



665D78



94919C



5D6F78



4B494F



CFCFCF



4F4F4F



# Same Dimension

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



665D78



80729C



745D78



39373D



2A007D



5400FC



# Inverse Universe

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



785D6F



9C728E



62785D



3D373B



7D0053



FC00A8



# Previews

## White Background



This preview shows how the Hex color 665D78 looks on a white background.

## Color Contrast Check

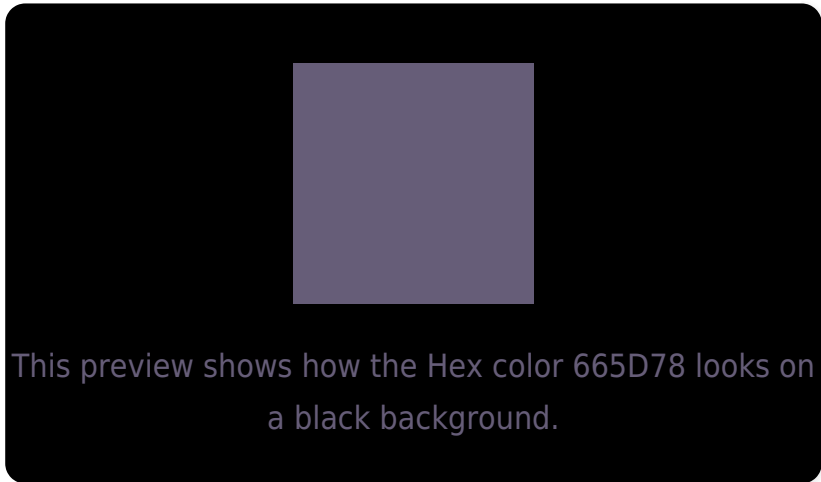
Large Text (above 18pt) WCAG AA ✓ Pass

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

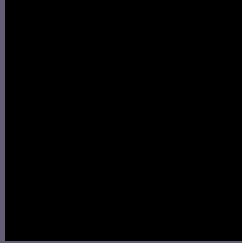
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 665D78 Background



This preview shows how black text looks on a background with the Hex color 665D78.



This preview shows how white text looks on a background with the Hex color 665D78.

# 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**  
665D78

**Protanopia**  
5B607A

**Deuteranopia**  
5F5F78



**Tritanopia**  
636068

# Trichromacy



**Original Color**

665D78

**Protanomaly**

5F5F79

**Deuteranomaly**

625E78

**Tritanomaly**

645F6E

# Monochromacy



**Original Color**

665D78

**Achromatopsia**

636363

**Achromatomaly**

64616B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 665D78 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 #665D78 looks like.

```
.text, #text, p{  
    color:#665D78  
}
```

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 #665D78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #665D78  
}
```

## Border

The CSS property to change the border of an element to Hex 665D78 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  
#665D78 }
```

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

```
.border{ border-color:#665D78 }
```

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

Here you see how a box with a 4 pixel #665D78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #665D78; -webkit-box-shadow:4px 4px  
4px 4px #665D78; box-shadow:4px 4px 4px  
4px #665D78 }
```

# Background

The CSS property to change the background color of an element to Hex 665D78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#665D78 }
```

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

```
.background{ background-color:#665D78 }
```

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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