

# Converting Colors

Hex(605B78)

Have a look what the booklet for  
Hex(605B78) contains.

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# Color

**Hex(605B78)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 605B78                    |
| RGB           | 96, 91, 120               |
| RGB Percent   | 38%, 36%, 47%             |
| CMY           | 0.6235, 0.6431, 0.5294    |
| CMYK          | 0.20, 0.24, 0.00, 0.53    |
| HSL           | 250°, 14%, 41%            |
| HSV           | 250°, 24%, 47%            |
| XYZ           | 11.9551, 11.3250, 19.3251 |
| YIQ           | 95.8010, -6.3290, 10.0790 |

# Conversions

## Conversions Part 2

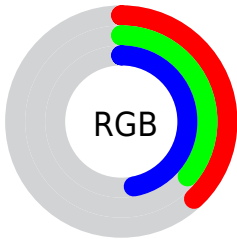
| Format                              | Color                        |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 96, 91, 120                  |
| Decimal                             | 6314872                      |
| CIE Lab                             | 40.12, 8.61, -15.63          |
| CIE LCh                             | 40, 17.848, 298.850          |
| Yxy                                 | 11.3250, 0.2806,<br>0.2658   |
| Android<br>(android.graphics.Color) | 4284504952<br>(0xFF605B78)   |
| YUV                                 | 95.8010, 11.9301,<br>0.1745  |
| Hunter-Lab                          | 33.6527, 4.5199,<br>-10.4906 |

# Details

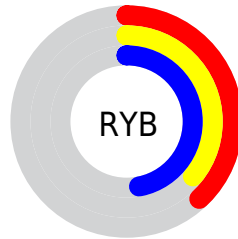
The Hex color **605B78** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **73785B**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **938DAC**, and **312D47** is the 20% darker color. If you saturate the color by 10%, you get **564F78**, and if you desaturate by 10%, it is **6A6778**.

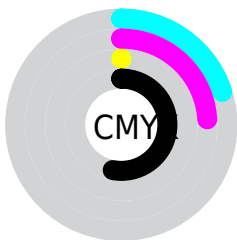
# Distribution



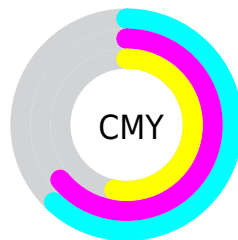
- Red (38%)
- Green (36%)
- Blue (47%)



- Red (38%)
- Yellow (36%)
- Blue (47%)



- Cyan (20%)
- Magenta (24%)
- Yellow (0%)
- Black (53%)



- Cyan (62%)
- Magenta (64%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 605B78 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 605B78 by changing the saturation by 10% instead.





605B78



605B78

FFFFFF



48445F



938DAC



312D47



AEA7C8



1B1931



C9C3E4



05001C



E5DFFF



000000



FFFBFF



605B78



605B78



564F78



6A6778



4C4378



747378

■ 423778

■ 7E7F78

■ 382B78

■ 888B78

■ 2E1F78

■ 929778

■ 241378

■ 9CA378

■ 1A0778

■ A6AF78

■ 150078

■ AFBB78

■ B9C778

# Harmonies

## Analogous

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



4B607B



605B78



71566E

# Triad

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



605B78



755946



3A675D

# Complementary

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



605B78



73785B

# 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.



49654F



605B78



6A5D41

# Square

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



605B78



7C5551



5A6245



32666C

# Rectangle

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



605B78



785465



5A6245



3F6658



# Sweetspot

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



605B78



93919C



5B7378



4A494F



CFCFCF



4F4F4F



# Same Dimension

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



605B78



766E9C



6E5B78



38373D



16007D



2C00FC



# Inverse Universe

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



785B73



9C6E94



65785B



3D373C



7D0067



FC00D1



# Previews

## White Background



This preview shows how the Hex color 605B78 looks on a white background.

## Color Contrast Check

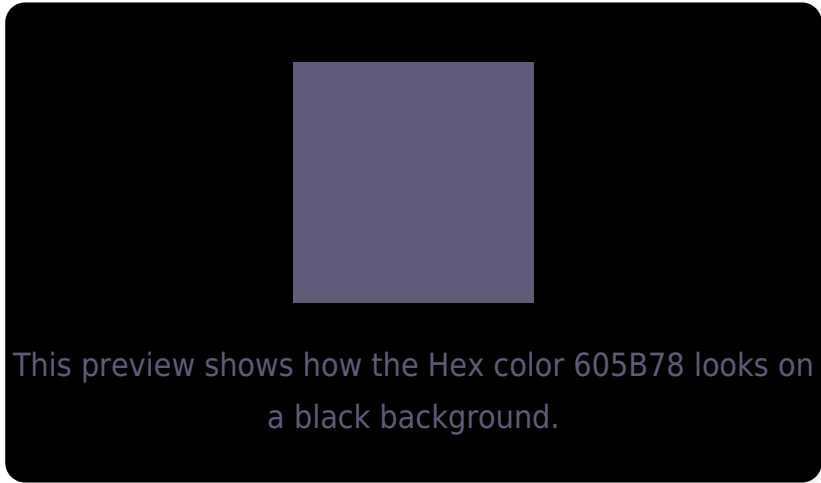
Large Text (above 18pt) WCAG AA ✓ Pass

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

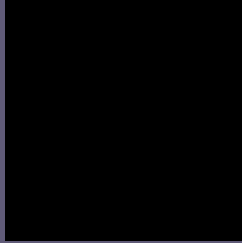
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 605B78 Background



This preview shows how black text looks on a background with the Hex color 605B78.



This preview shows how white text looks on a background with the Hex color 605B78.

# 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**  
605B78

**Protanopia**  
575D7A

**Deuteranopia**  
5B5D78



**Tritanopia**  
5D5E66

# Trichromacy



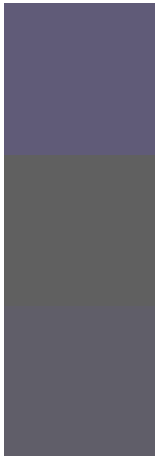
**Original Color**  
605B78

**Protanomaly**  
5A5C79

**Deuteranomaly**  
5D5C78

**Tritanomaly**  
5E5D6D

# Monochromacy



**Original Color**  
605B78

**Achromatopsia**  
606060

**Achromatomaly**  
605E69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 605B78 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 #605B78 looks like.

```
.text, #text, p{  
    color:#605B78  
}
```

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 #605B78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #605B78
}
```

## Border

The CSS property to change the border of an element to Hex 605B78 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
#605B78 }
```

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

```
.border{ border-color:#605B78 }
```

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

Here you see how a box with a 4 pixel #605B78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #605B78; -webkit-box-shadow:4px 4px  
4px 4px #605B78; box-shadow:4px 4px 4px  
4px #605B78 }
```

# Background

The CSS property to change the background color of an element to Hex 605B78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#605B78 }
```

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

```
.background{ background-color:#605B78 }
```

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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