

# Converting Colors

Hex(605C79)

Have a look what the booklet for  
Hex(605C79) contains.

<b>Hex(605C79)</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(605C79)**

# Conversions

Conversions Part 1	
Format	Color
Hex	605C79
RGB	96, 92, 121
RGB Percent	38%, 36%, 47%
CMY	0.6235, 0.6392, 0.5255
CMYK	0.21, 0.24, 0.00, 0.53
HSL	248°, 14%, 42%
HSV	248°, 24%, 47%
XYZ	12.1022, 11.5216, 19.6752
YIQ	96.5020, -6.9250, 9.8670

# Conversions

## Conversions Part 2

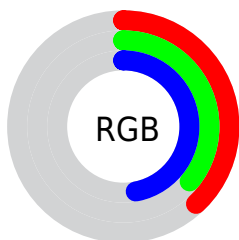
Format	Color
<a href="#">RYB</a>	<a href="#">96, 92, 121</a>
Decimal	<a href="#">6315129</a>
CIELab	<a href="#">40.45, 8.24, -15.75</a>
CIELCh	<a href="#">40, 17.778, 297.627</a>
Yxy	<a href="#">11.5216, 0.2795, 0.2661</a>
Android (android.graphics.Color)	<a href="#">4284505209</a> (0xFF605C79)
YUV	<a href="#">96.5020, 12.0775, -0.4403</a>
Hunter-Lab	<a href="#">33.9434, 4.2415, -10.6068</a>

# Details

The Hex color **605C79** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **75795C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **938EAD**, and **312E48** is the 20% darker color. If you saturate the color by 10%, you get **565079**, and if you desaturate by 10%, it is **6A6879**.

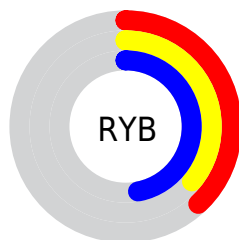
# Distribution



Red (38%)

Green (36%)

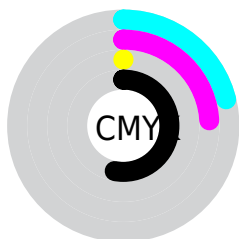
Blue (47%)



Red (38%)

Yellow (36%)

Blue (47%)

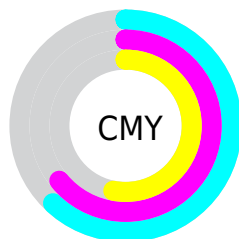


Cyan (21%)

Magenta (24%)

Yellow (0%)

Black (53%)



Cyan (62%)

Magenta (64%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 605C79 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 605C79 by changing the saturation by 10% instead.



 605C79

 605C79

FFFFFF

 484560

 938EAD

 312E48

 AEA9C9

 1B1A32

 C9C4E5

 05001D

 E5E0FF

 000000

 FFFCFF

 605C79

 605C79

 565079

 6A6879

 4B4479

 757479

 413879

 7F8079

 362C79

 8A8C79

 2C1F79

 949979

 211379

 9FA579

 170779

 A9B179

 110079

 B3BD79

 BEC979

# Harmonies

## Analogous

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



4B617C



605C79



71576F

# Triad

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



605C79



775947



3B675E

# Complementary

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



605C79



75795C

# 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.



4B664F



605C79



6B5E42

# Square

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



605C79



7C5653



5C6345



33676C

# Rectangle

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



605C79



785566



5C6345



406759



# Sweetspot

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



605C79



95939E



5C7579



4A494F



CFCFCF



4F4F4F



# Same Dimension

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



605C79



77709E



6E5C79



38373D



11007D



2300FC



# Inverse Universe

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



795C75



9E7098



67795C



3D373C



7D006C



FC00DA



# Previews

## White Background



This preview shows how the Hex color 605C79 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



This preview shows how the Hex color 605C79 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

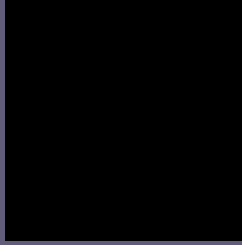
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 605C79 Background



This preview shows how black text looks on a background with the Hex color 605C79.



This preview shows how white text looks on a background with the Hex color 605C79.

# 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**

605C79

**Protanopia**

585E7B

**Deuteranopia**

5B5E79



# Trichromacy



**Original Color**

605C79

**Protanomaly**

5B5D7A

**Deuteranomaly**

5D5D79

**Tritanomaly**

5E5E6E

# Monochromacy



**Original Color**

605C79

**Achromatopsia**

616161

**Achromatomaly**

615F6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 605C79 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 #605C79 looks like.

```
.text, #text, p{  
    color:#605C79  
}
```

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 #605C79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #605C79
}
```

## Border

The CSS property to change the border of an element to Hex 605C79 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
#605C79 }
```

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

```
.border{ border-color:#605C79 }
```

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

Here you see how a box with a 4 pixel #605C79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #605C79; -webkit-box-shadow:4px 4px  
4px 4px #605C79; box-shadow:4px 4px 4px  
4px #605C79 }
```

# Background

The CSS property to change the background color of an element to Hex 605C79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#605C79 }
```

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

```
.background{ background-color:#605C79 }
```

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