

# Converting Colors

Hex(595C79)

Have a look what the booklet for  
Hex(595C79) contains.

<b>Hex(595C79)</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(595C79)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	595C79
RGB	89, 92, 121
RGB Percent	35%, 36%, 47%
CMY	0.6510, 0.6392, 0.5255
CMYK	0.26, 0.24, 0.00, 0.53
HSL	234°, 15%, 41%
HSV	234°, 26%, 47%
XYZ	11.3982, 11.1586, 19.6422
YIQ	94.4090, -11.0970, 8.3830

# Conversions

## Conversions Part 2

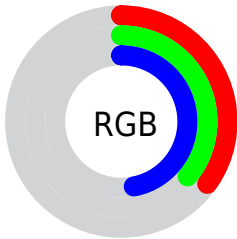
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 92, 121
Decimal	5856377
CIE Lab	39.85, 5.85, -16.72
CIE LCh	40, 17.715, 289.284
Yxy	11.1586, 0.2701, 0.2644
Android (android.graphics.Color)	4284046457 (0xFF595C79)
YUV	94.4090, 13.1094, -4.7437
Hunter-Lab	33.4045, 2.4492, -11.4800

# Details

The Hex color **595C79** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **797659**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8C8EAD**, and **2A2E48** is the 20% darker color. If you saturate the color by 10%, you get **4D5179**, and if you desaturate by 10%, it is **656779**.

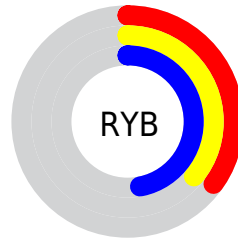
# Distribution



Red (35%)

Green (36%)

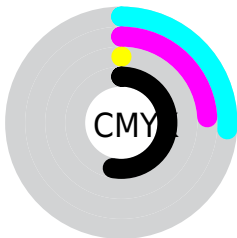
Blue (47%)



Red (35%)

Yellow (36%)

Blue (47%)

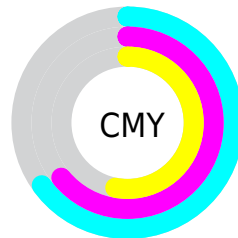


Cyan (26%)

Magenta (24%)

Yellow (0%)

Black (53%)



Cyan (65%)

Magenta (64%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 595C79 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 595C79 by changing the saturation by 10% instead.



■ 595C79

■ 595C79

FFFFFF

■ 414560

■ 8C8EAD

■ 2A2E48

■ A6A9C9

■ 141A32

■ C1C4E5

■ 00001D

■ DEE0FF

■ 000000

■ FAFcff

■ 595C79

■ 595C79

■ 4D5179

■ 656779

■ 414679

■ 717279

■ 353B79

■ 7D7D79

■ 293079

■ 898879

■ 1C2579

■ 959379

■ 101A79

■ A29E79

■ 040F79

■ AEA979

■ 000B79

■ BAB479

■ C6BF79

# Harmonies

## Analogous

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



44617A



595C79



6B5771

# Triad

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



595C79



775749



3E6658

# Complementary

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



595C79



797659

# 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.



4E644B



595C79



6D5B42

# Square

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



595C79



7B5455



5F6042



336667

# Rectangle

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



595C79



745568



5F6042



436553



# Sweetspot

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



595C79



91939E



597976



47484F



CFCFCF



4F4F4F



# Same Dimension

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



595C79



6C709E



665979



37383D



000C7D



0018FC



# Inverse Universe

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



79595C



9E6C70



6C7959



3D3738



7D000C



FC0018



# Previews

## White Background



This preview shows how the Hex color 595C79 looks on a white background.

## Color Contrast Check

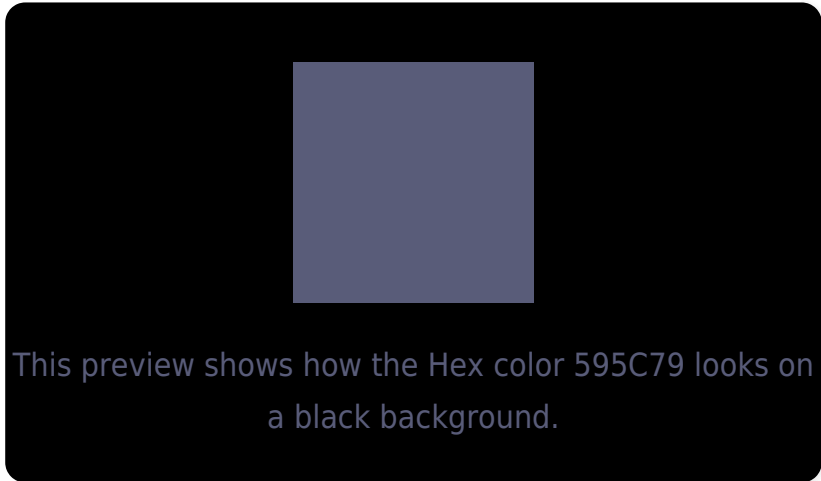
Large Text (above 18pt) WCAG AA ✓ Pass

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

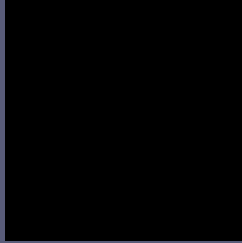
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 595C79 Background



This preview shows how black text looks on a background with the Hex color 595C79.

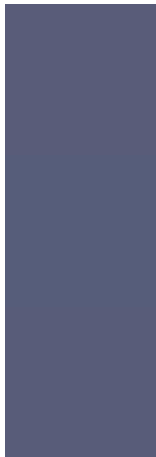


This preview shows how white text looks on a background with the Hex color 595C79.

# 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**  
595C79

**Protanopia**  
565D7A

**Deuteranopia**  
585C79



**Tritanopia**  
555F67

# Trichromacy



**Original Color**  
595C79

**Protanomaly**  
575D7A

**Deuteranomaly**  
585C79

**Tritanomaly**  
565E6E

# Monochromacy



**Original Color**  
595C79

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
5C5D68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 595C79 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 #595C79 looks like.

```
.text, #text, p{  
    color:#595C79  
}
```

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 #595C79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #595C79
}
```

## Border

The CSS property to change the border of an element to Hex 595C79 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
#595C79 }
```

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

```
.border{ border-color:#595C79 }
```

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

Here you see how a box with a 4 pixel #595C79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #595C79; -webkit-box-shadow:4px 4px  
4px 4px #595C79; box-shadow:4px 4px 4px  
4px #595C79 }
```

# Background

The CSS property to change the background color of an element to Hex 595C79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#595C79 }
```

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

```
.background{ background-color:#595C79 }
```

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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