

# Converting Colors

Hex(515B7C)

Have a look what the booklet for  
Hex(515B7C) contains.

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# Color

Hex(515B7C)

# Conversions

## Conversions Part 1

Format	Color
Hex	515B7C
RGB	81, 91, 124
RGB Percent	32%, 36%, 49%
CMY	0.6824, 0.6431, 0.5137
CMYK	0.35, 0.27, 0.00, 0.51
HSL	226°, 21%, 40%
HSV	226°, 35%, 49%
XYZ	10.7725, 10.6867, 20.5638
YIQ	91.7720, -16.5530, 8.1430

# Conversions

## Conversions Part 2

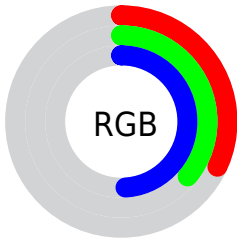
Format	Color
<b>R<sub>YB</sub></b>	<b>81, 89, 124</b>
Decimal	5331836
CIE Lab	39.05, 4.70, -19.84
CIE LCh	39, 20.386, 283.318
Yxy	10.6867, 0.2563, 0.2543
Android (android.graphics.Color)	4283521916 (0xFF515B7C)
YUV	91.7720, 15.8884, -9.4470
Hunter-Lab	32.6906, 1.6125, -14.4125

# Details

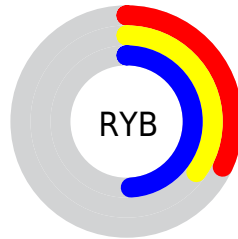
The Hex color **515B7C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7C7251**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **848DB1**, and **222E4B** is the 20% darker color. If you saturate the color by 10%, you get **45517C**, and if you desaturate by 10%, it is **5D657C**.

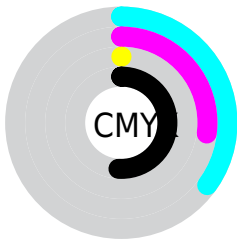
# Distribution



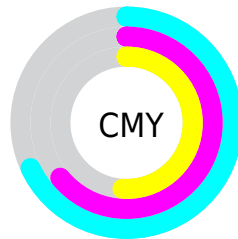
- Red (32%)
- Green (36%)
- Blue (49%)



- Red (32%)
- Yellow (35%)
- Blue (49%)



- Cyan (35%)
- Magenta (27%)
- Yellow (0%)
- Black (51%)



- Cyan (68%)
- Magenta (64%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 515B7C 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 515B7C by changing the saturation by 10% instead.



■ 515B7C

■ 515B7C

FFFFFF

■ 394463

■ 848DB1

■ 222E4B

■ 9EA7CC

■ 091934

■ B9C3E8

■ 00011F

■ D5DEFF

■ 000002

■ F2FBFF

■ 000000

■ 515B7C

■ 515B7C

■ 45517C

■ 5D657C

■ 38487C

■ 6A6E7C

■ 2C3E7C

■ 76787C

■ 1F357C

■ 83817C

■ 132B7C

■ 8F8B7C

■ 07227C

■ 9B947C

■ 001D7C

■ A89E7C

■ B4A77C

■ C1B17C

# Harmonies

## Analogous

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



38607B



515B7C



675574

# Triad

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



515B7C



7A5246



3A6452

# Complementary

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



515B7C



7C7251

# 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.



4E6243



515B7C



70583C

# Square

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



515B7C



7D5055



605D3B



296563

# Rectangle

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



515B7C



73526B



605D3B



40644D



# Sweetspot

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



515B7C



9194A1



517C72



484A52



D1D1D1



525252



# Same Dimension

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



515B7C



5D6DA1



5C517C



37393D



001D7D



003BFC



# Inverse Universe

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



7C515B



A15D6D



717C51



3D3739



7D001D



FC003B



# Previews

## White Background



This preview shows how the Hex color 515B7C looks on a white background.

## Color Contrast Check

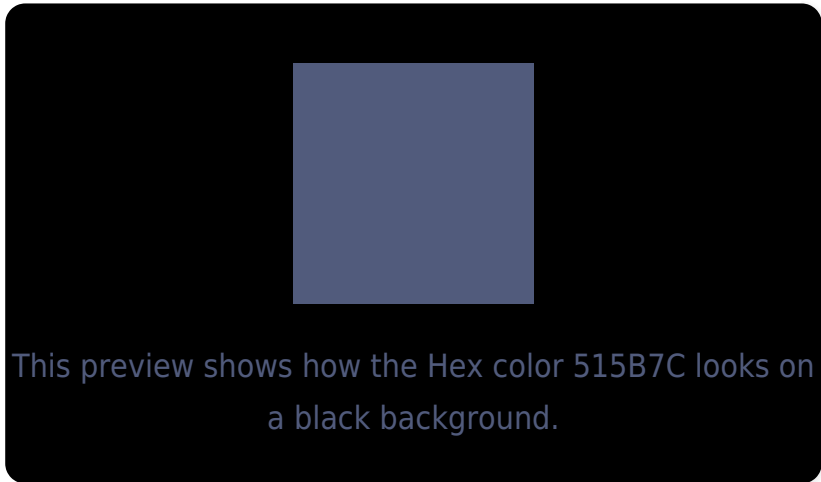
Large Text (above 18pt) WCAG AA ✓ Pass

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

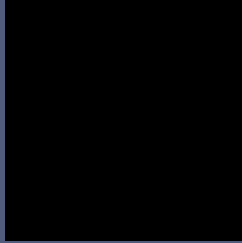
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

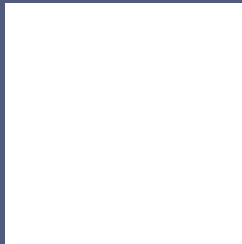
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 515B7C Background



This preview shows how black text looks on a background with the Hex color 515B7C.

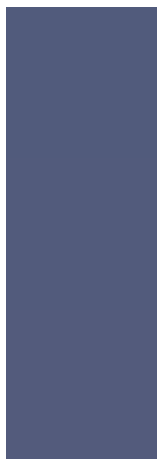


This preview shows how white text looks on a background with the Hex color 515B7C.

# 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**  
515B7C

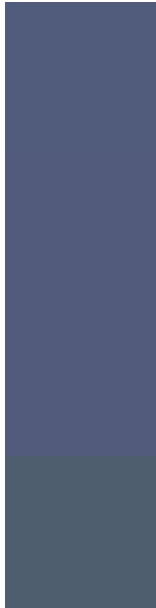
**Protanopia**  
525B7C

**Deuteranopia**  
535B7C



**Tritanopia**  
4C5F67

# Trichromacy



**Original Color**  
515B7C

**Protanomaly**  
525B7C

**Deuteranomaly**  
525B7C

**Tritanomaly**  
4E5E6F

# Monochromacy



**Original Color**  
515B7C

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
585C68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 515B7C 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 #515B7C looks like.

```
.text, #text, p{  
    color:#515B7C  
}
```

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 #515B7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #515B7C  
}
```

## Border

The CSS property to change the border of an element to Hex 515B7C 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".

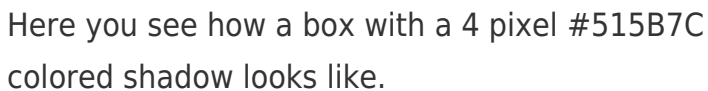
```
.border, #border, table{ border:4px solid  
#515B7C }
```

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

```
.border{ border-color:#515B7C }
```

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

Here you see how a box with a 4 pixel #515B7C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #515B7C; -webkit-box-shadow:4px 4px  
4px 4px #515B7C; box-shadow:4px 4px 4px  
4px #515B7C }
```

# Background

The CSS property to change the background color of an element to Hex 515B7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#515B7C }
```

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

```
.background{ background-color:#515B7C }
```

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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