

# Converting Colors

Hex(515798)

Have a look what the booklet for  
Hex(515798) contains.

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# Color

**Hex(515798)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	515798
RGB	81, 87, 152
RGB Percent	32%, 34%, 60%
CMY	0.6824, 0.6588, 0.4039
CMYK	0.47, 0.43, 0.00, 0.40
HSL	235°, 30%, 46%
HSV	235°, 47%, 60%
XYZ	12.4690, 10.8327, 31.1395
YIQ	92.6160, -24.4410, 18.9430

# Conversions

## Conversions Part 2

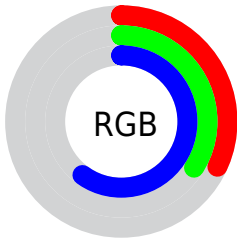
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	81, 87, 152
Decimal	5330840
CIE Lab	39.30, 15.71, -36.43
CIE LCh	39, 39.672, 293.326
Yxy	10.8327, 0.2290, 0.1990
Android (android.graphics.Color)	4283520920 (0xFF515798)
YUV	92.6160, 29.2763, -10.1872
Hunter-Lab	32.9131, 10.0263, -33.0559

# Details

The Hex color **515798** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **989251**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8689CF**, and **1B2A64** is the 20% darker color. If you saturate the color by 10%, you get **424998**, and if you desaturate by 10%, it is **606598**.

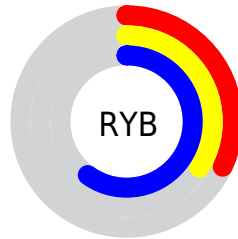
# Distribution



Red (32%)

Green (34%)

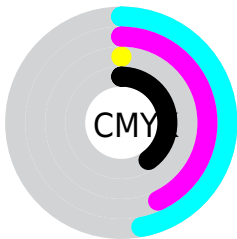
Blue (60%)



Red (32%)

Yellow (34%)

Blue (60%)

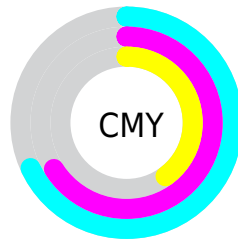


Cyan (47%)

Magenta (43%)

Yellow (0%)

Black (40%)



Cyan (68%)

Magenta (66%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 515798 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 515798 by changing the saturation by 10% instead.



■ 515798

■ 515798

FFFFFF

■ 37407E

■ 8689CF

■ 1B2A64

■ A1A3EB

■ 00164C

■ BDBEFF

■ 000035

■ DADAFF

■ 00021F

■ F7F6FF

■ 000002

■ 000000

■ 515798

■ 515798

■ 424998

■ 606598

■ 333B98

■ 6F7398

■ 232D98

■ 7F8198

■ 141F98

■ 8E8F98

■ 051198

■ 9D9D98

■ 000D98

■ ACAA98

■ BBB898

■ CBC698

■ DAD498

# Harmonies

## Analogous

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



00629D



515798



7D4984

# Triad

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



515798



8B4C29



006C54

# Complementary

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



515798



989251

# 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.



2C6934



515798



745818

# Square

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



515798



974145



55621D



006C75

# Rectangle

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



515798



8E4270



55621D



006B49



# Sweetspot

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



515798



A9ABC4



519891



535463



E3E3E3



636363



# Same Dimension

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



515798



5660C4



6D5198



45454D



000C8C



00010D



# Inverse Universe

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



985157



C45660



7C9851



4D4545



8C000C

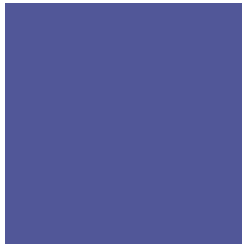


0D0001



# Previews

## White Background



This preview shows how the Hex color 515798 looks on a white background.

## Color Contrast Check

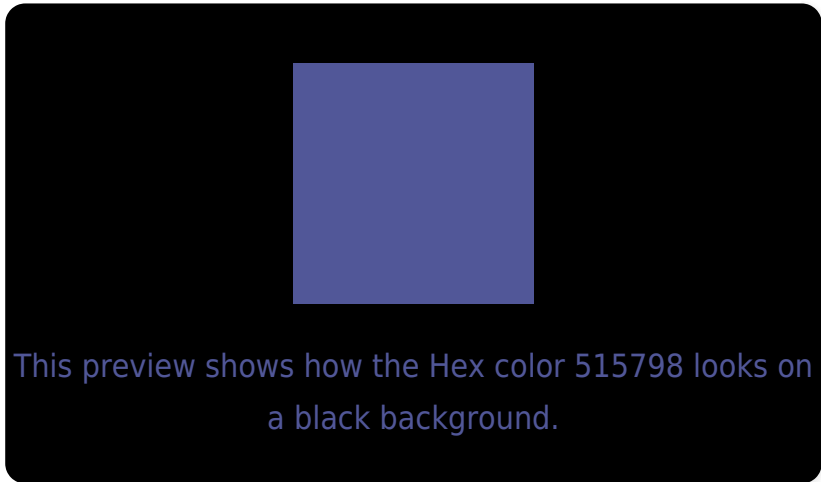
Large Text (above 18pt) WCAG AA ✓ Pass

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

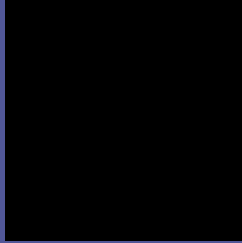
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 515798 Background



This preview shows how black text looks on a background with the Hex color 515798.



This preview shows how white text looks on a background with the Hex color 515798.

# 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**  
515798

**Protanopia**  
415A9B

**Deuteranopia**  
395D97



**Tritanopia**  
446169

# Trichromacy



**Original Color**  
515798

**Protanomaly**  
47599A

**Deuteranomaly**  
425B97

**Tritanomaly**  
495D7A

# Monochromacy



**Original Color**  
515798

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
595B72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 515798 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 #515798 looks like.

```
.text, #text, p{  
    color:#515798  
}
```

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 #515798 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #515798
}
```

## Border

The CSS property to change the border of an element to Hex 515798 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".

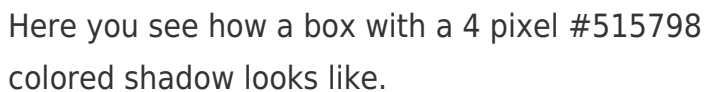
```
.border, #border, table{ border:4px solid
#515798 }
```

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

```
.border{ border-color:#515798 }
```

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

Here you see how a box with a 4 pixel #515798 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #515798; -webkit-box-shadow:4px 4px  
4px 4px #515798; box-shadow:4px 4px 4px  
4px #515798 }
```

# Background

The CSS property to change the background color of an element to Hex 515798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#515798 }
```

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

```
.background{ background-color:#515798 }
```

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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