

Converting Colors

Hex(5D7598)

Have a look what the booklet for
Hex(5D7598) contains.

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Color

Hex(5D7598)

Conversions

Conversions Part 1

Format	Color
Hex	5D7598
RGB	93, 117, 152
RGB Percent	36%, 46%, 60%
CMY	0.6353, 0.5412, 0.4039
CMYK	0.39, 0.23, 0.00, 0.40
HSL	216°, 24%, 48%
HSV	216°, 39%, 60%
XYZ	16.5430, 17.3167, 32.1763
YIQ	113.8140, -25.5390, 5.7970

Conversions

Conversions Part 2

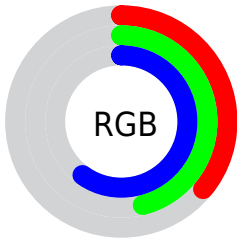
Format	Color
R _Y B	93, 110, 152
Decimal	6124952
CIE Lab	48.66, 0.47, -21.74
CIE LCh	49, 21.744, 271.247
Yxy	17.3167, 0.2505, 0.2622
Android (android.graphics.Color)	4284315032 (0xFF5D7598)
YUV	113.8140, 18.8257, -18.2539
Hunter-Lab	41.6134, -1.8625, -16.7149

Details

The Hex color **5D7598** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **98805D**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **91A9CE**, and **2B4565** is the 20% darker color. If you saturate the color by 10%, you get **4E6C98**, and if you desaturate by 10%, it is **6C7E98**.

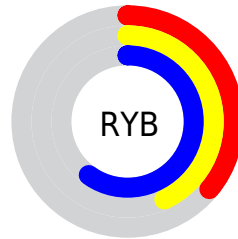
Distribution



Red (36%)

Green (46%)

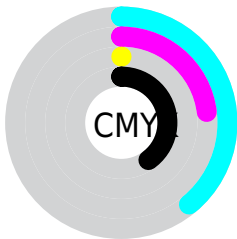
Blue (60%)



Red (36%)

Yellow (43%)

Blue (60%)

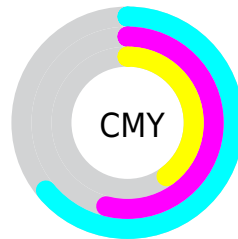


Cyan (39%)

Magenta (23%)

Yellow (0%)

Black (40%)



Cyan (64%)

Magenta (54%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D7598 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 5D7598 by changing the saturation by 10% instead.

■ 5D7598

■ 5D7598

FFFFFF

■ 445C7E

■ 91A9CE

■ 2B4565

■ ACC4EB

■ 102F4D

■ C8E0FF

■ 001A36

■ E5FDFF

■ 000221

■ 000005

■ 000000

■ 5D7598

■ 5D7598

■ 4E6C98

■ 6C7E98

■ 3F6398

■ 7B8798

■ 2F5A98

■ 8B9098

■ 205198

■ 9A9998

■ 114898

■ A9A298

■ 023F98

■ B8AB98

■ 003E98

■ C7B498

■ D7BD98

■ E6C698

Harmonies

Analogous

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



447A93



5D7598



776F93

Triad

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



5D7598



986761



577C61

Complementary

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



5D7598



98805D

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.



6C7854



5D7598



8F6C54

Square

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



5D7598



976673



80734F



437E74

Rectangle

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



5D7598



866A8B



80734F



5E7B5C

Sweetspot

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



5D7598



ADB6C4



5D987F



565B63



E3E3E3



636363

Same Dimension

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



5D7598



688EC4



625D98



45484D



00398C



00050D

Inverse Universe

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



985D75



C4688E



93985D



4D4548



8C0039



0D0005

Previews

White Background



This preview shows how the Hex color 5D7598 looks on a white background.

Color Contrast Check

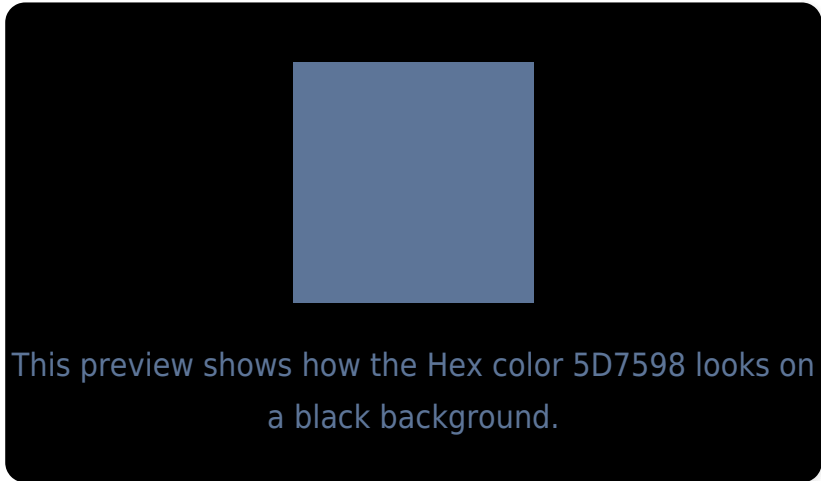
Large Text (above 18pt) WCAG AA ✓ Pass

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

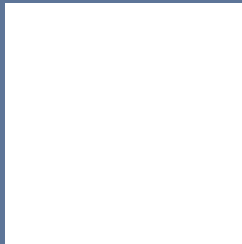
Any Text WCAG AAA × Fail

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

Hex 5D7598 Background



This preview shows how black text looks on a background with the Hex color 5D7598.



This preview shows how white text looks on a background with the Hex color 5D7598.

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
5D7598

Protanopia
6A7296

Deuteranopia
6A7199



Tritanopia
587983

Trichromacy



Original Color
5D7598

Protanomaly
657397

Deuteranomaly
657299

Tritanomaly
5A788B

Monochromacy



Original Color
5D7598

Achromatopsia
727272

Achromatomaly
6A7380

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D7598 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 #5D7598 looks like.

```
.text, #text, p{  
    color:#5D7598  
}
```

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 #5D7598 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D7598
}
```

Border

The CSS property to change the border of an element to Hex 5D7598 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
#5D7598 }
```

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

```
.border{ border-color:#5D7598 }
```

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

Here you see how a box with a 4 pixel #5D7598 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D7598; -webkit-box-shadow:4px 4px  
4px 4px #5D7598; box-shadow:4px 4px 4px  
4px #5D7598 }
```

Background

The CSS property to change the background color of an element to Hex 5D7598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D7598 }
```

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

```
.background{ background-color:#5D7598 }
```

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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