

Converting Colors

Hex(5D6F9C)

Have a look what the booklet for
Hex(5D6F9C) contains.

Hex(5D6F9C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5D6F9C)

Conversions

Conversions Part 1

Format	Color
Hex	5D6F9C
RGB	93, 111, 156
RGB Percent	36%, 44%, 61%
CMY	0.6353, 0.5647, 0.3882
CMYK	0.40, 0.29, 0.00, 0.39
HSL	223°, 25%, 49%
HSV	223°, 40%, 61%
XYZ	16.1994, 16.0963, 33.7056
YIQ	110.7480, -25.1730, 10.1790

Conversions

Conversions Part 2

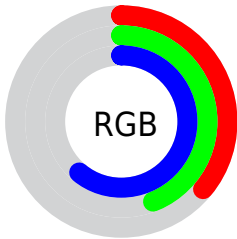
Format	Color
R _Y B	93, 107, 156
Decimal	6123420
CIE Lab	47.10, 5.23, -26.50
CIE LCh	47, 27.011, 281.173
Yxy	16.0963, 0.2454, 0.2439
Android (android.graphics.Color)	4284313500 (0xFF5D6F9C)
YUV	110.7480, 22.3092, -15.5650
Hunter-Lab	40.1202, 1.8627, -21.7262

Details

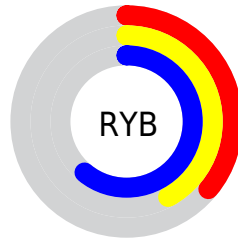
The Hex color **5D6F9C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9C8A5D**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **92A2D3**, and **2A4069** is the 20% darker color. If you saturate the color by 10%, you get **4D649C**, and if you desaturate by 10%, it is **6D7A9C**.

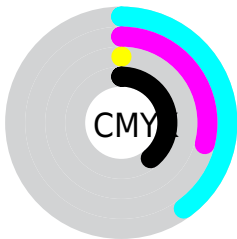
Distribution



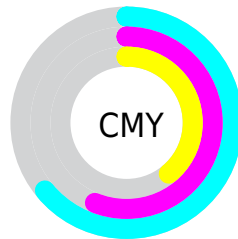
- Red (36%)
- Green (44%)
- Blue (61%)



- Red (36%)
- Yellow (42%)
- Blue (61%)



- Cyan (40%)
- Magenta (29%)
- Yellow (0%)
- Black (39%)



- Cyan (64%)
- Magenta (56%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D6F9C 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 5D6F9C by changing the saturation by 10% instead.

■ 5D6F9C

■ 5D6F9C

FFFFFF

■ 445782

■ 92A2D3

■ 2A4069

■ ADBDEF

■ 0E2A50

■ C9D9FF

■ 001639

■ E5F6FF

■ 000223

■ 00000A

■ 000000

■ 5D6F9C

■ 5D6F9C

■ 4D649C

■ 6D7A9C

■ 3E599C

■ 7C859C

■ 2E4E9C

■ 8C909C

■ 1F429C

■ 9B9C9C

■ 0F379C

■ ABA79C

■ 002D9C

■ BBB29C

■ CABD9C

■ DAC89C

■ E9D39C

Harmonies

Analogous

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



37769A



5D6F9C



7D6792

Triad

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



5D6F9C



996253



417B60

Complementary

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



5D6F9C



9C8A5D

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.



5D774D



5D6F9C



8B6945

Square

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



5D6F9C



9C5E68



767143



237C78

Rectangle

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



5D6F9C



8D6286



767143



4B7A59

Sweetspot

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



5D6F9C



B4BBCC



5D9C89



585C66



E6E6E6



666666

Same Dimension

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



5D6F9C



6A86CC



6A5D9C



47494F



00298F



00040F

Inverse Universe

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



9C5D6F



CC6A86



8F9C5D



4F4749



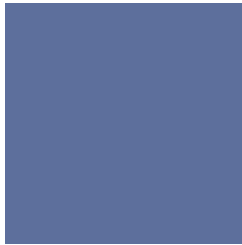
8F0029



0F0004

Previews

White Background



This preview shows how the Hex color 5D6F9C looks on a white background.

Color Contrast Check

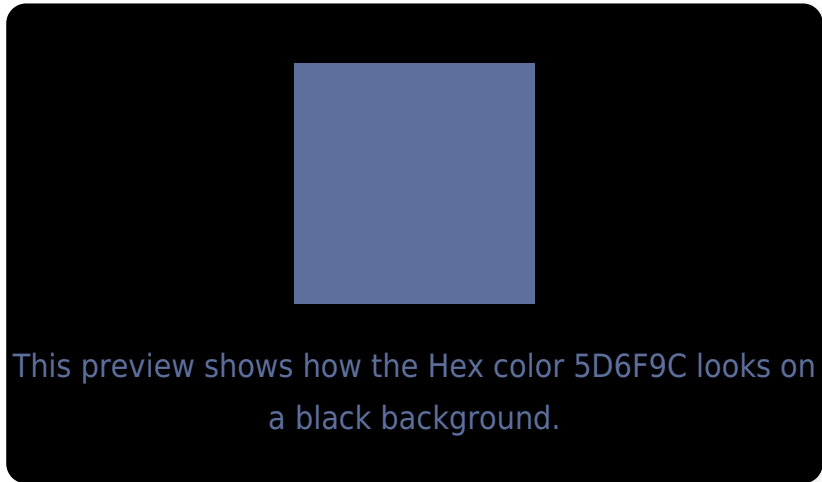
Large Text (above 18pt) WCAG AA ✓ Pass

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

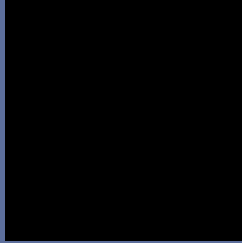
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

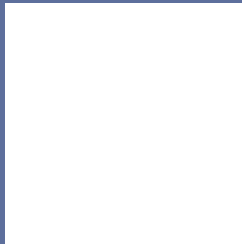
Any Text WCAG AAA × Fail

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

Hex 5D6F9C Background



This preview shows how black text looks on a background with the Hex color 5D6F9C.



This preview shows how white text looks on a background with the Hex color 5D6F9C.

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
5D6F9C

Protanopia
626E9B

Deuteranopia
606E9C



Tritanopia
55757E

Trichromacy



Original Color
5D6F9C

Protanomaly
606E9B

Deuteranomaly
5F6E9C

Tritanomaly
587389

Monochromacy



Original Color
5D6F9C

Achromatopsia
6F6F6F

Achromatomaly
686F7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D6F9C 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 #5D6F9C looks like.

```
.text, #text, p{  
    color:#5D6F9C  
}
```

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 #5D6F9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6F9C
}
```

Border

The CSS property to change the border of an element to Hex 5D6F9C is called "border". The border property can be set on classes, ids or directly on the HTML element.

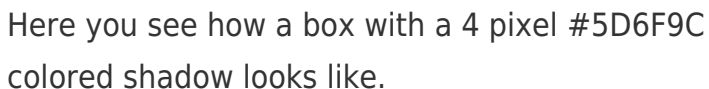
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D6F9C }
```

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

```
.border{ border-color:#5D6F9C }
```

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



Here you see how a box with a 4 pixel #5D6F9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6F9C; -webkit-box-shadow:4px 4px  
4px 4px #5D6F9C; box-shadow:4px 4px 4px  
4px #5D6F9C }
```

Background

The CSS property to change the background color of an element to Hex 5D6F9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6F9C }
```

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

```
.background{ background-color:#5D6F9C }
```

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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