

Converting Colors

Hex(53759C)

Have a look what the booklet for
Hex(53759C) contains.

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Color

Hex(53759C)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 53759C |
| RGB | 83, 117, 156 |
| RGB Percent | 33%, 46%, 61% |
| CMY | 0.6745, 0.5412, 0.3882 |
| CMYK | 0.47, 0.25, 0.00, 0.39 |
| HSL | 212°, 31%, 47% |
| HSV | 212°, 47%, 61% |
| XYZ | 15.9293, 16.9619, 33.8869 |
| YIQ | 111.2800, -32.7830, 4.9210 |

Conversions

Conversions Part 2

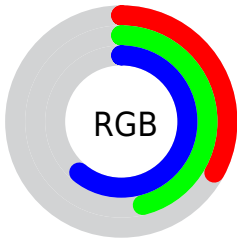
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 83, 106, 156 |
| Decimal | 5469596 |
| CIE _{Lab} | 48.21, -1.11, -24.83 |
| CIE _{LCh} | 48, 24.850, 267.450 |
| Yxy | 16.9619, 0.2385, 0.2540 |
| Android (android.graphics.Color) | 4283659676 (0xFF53759C) |
| YUV | 111.2800, 22.0470, -24.8016 |
| Hunter-Lab | 41.1848, -3.0338, -19.9545 |

Details

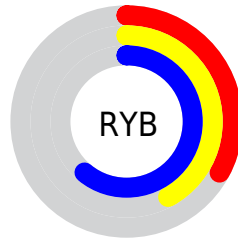
The Hex color **53759C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9C7A53**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **88A9D3**, and **1D4569** is the 20% darker color. If you saturate the color by 10%, you get **436D9C**, and if you desaturate by 10%, it is **637D9C**.

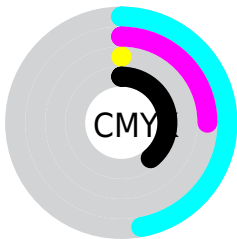
Distribution



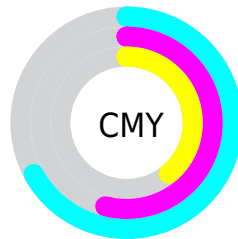
- Red (33%)
- Green (46%)
- Blue (61%)



- Red (33%)
- Yellow (42%)
- Blue (61%)



- Cyan (47%)
- Magenta (25%)
- Yellow (0%)
- Black (39%)



- Cyan (67%)
- Magenta (54%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53759C 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 53759C by changing the saturation by 10% instead.

■ 53759C

■ 53759C

FFFFFF

■ 395C82

■ 88A9D3

■ 1D4569

■ A3C4EF

■ 002F50

■ BFE0FF

■ 001A39

■ DCFDFF

■ 000224

■ F9FFFF

■ 00000B

■ 000000

■ 53759C

■ 53759C

■ 436D9C

■ 637D9C

■ 34649C

■ 72869C

■ 245C9C

■ 828E9C

■ 15549C

■ 91969C

■ 054B9C

■ A19F9C

■ 00499C

■ B1A79C

■ C0AF9C

■ D0B89C

■ DFC09C

Harmonies

Analogous

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



347B95



53759C



736E98

Triad

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



53759C



9C6460



547C5B

Complementary

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



53759C



9C7A53

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.



6D774D



53759C



936950

Square

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



53759C



996375



827148



3B7E70

Rectangle

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



53759C



84698F



827148



5D7A55

Sweetspot

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



53759C



AFBDCC



539C7A



555D66



E6E6E6



666666

Same Dimension

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



53759C



5A8FCC



55539C



474B4F



00438F



00070F

Inverse Universe

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



9C5375



CC5A8F



9A9C53



4F474B



8F0043



0F0007

Previews

White Background



This preview shows how the Hex color 53759C looks on a white background.

Color Contrast Check

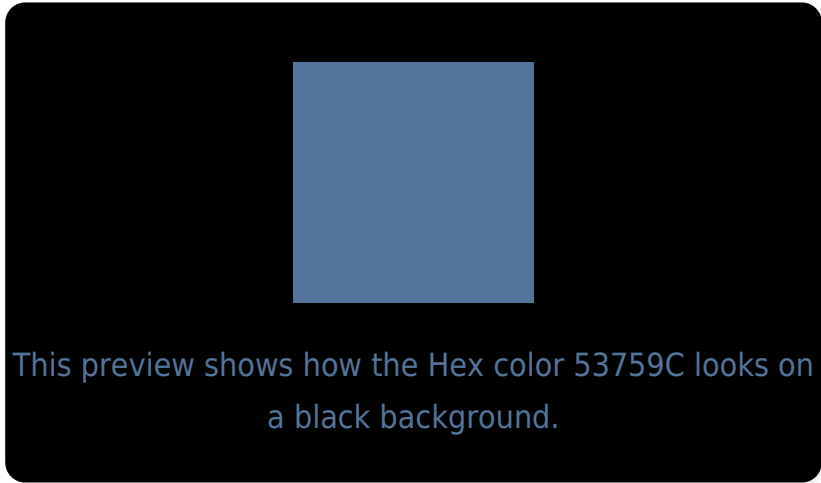
Large Text (above 18pt) WCAG AA ✓ Pass

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

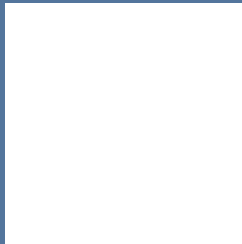
Any Text WCAG AAA × Fail

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

Hex 53759C Background



This preview shows how black text looks on a background with the Hex color 53759C.



This preview shows how white text looks on a background with the Hex color 53759C.

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
53759C

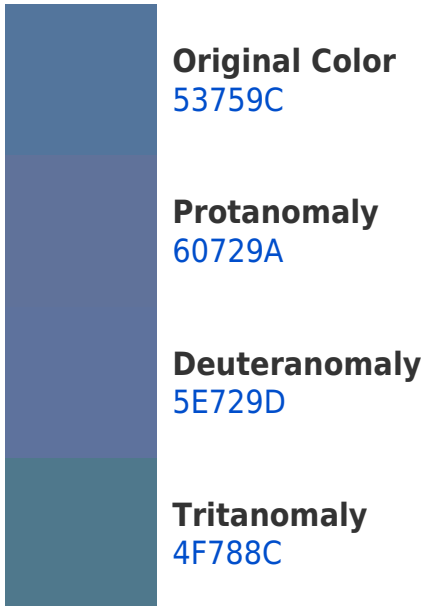
Protanopia
677199

Deuteranopia
65719D

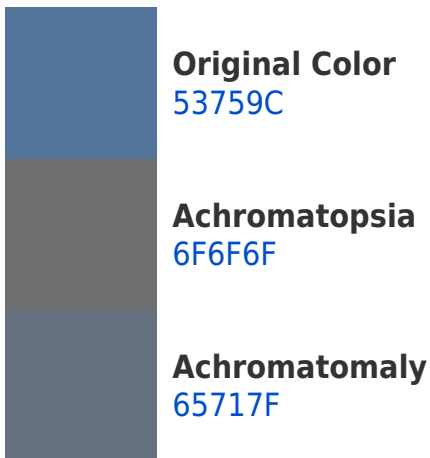


Tritanopia
4C7A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53759C 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 #53759C looks like.

```
.text, #text, p{  
    color:#53759C  
}
```

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 #53759C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53759C
}
```

Border

The CSS property to change the border of an element to Hex 53759C is called "border". The border property can be set on classes, ids or directly on the HTML element.

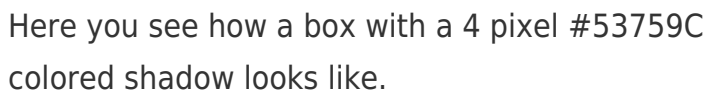
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#53759C }
```

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

```
.border{ border-color:#53759C }
```

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



Here you see how a box with a 4 pixel #53759C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53759C; -webkit-box-shadow:4px 4px  
4px 4px #53759C; box-shadow:4px 4px 4px  
4px #53759C }
```

Background

The CSS property to change the background color of an element to Hex 53759C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53759C }
```

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

```
.background{ background-color:#53759C }
```

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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