

Converting Colors

Hex(51599F)

Have a look what the booklet for
Hex(51599F) contains.

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Color

Hex(51599F)

Conversions

Conversions Part 1

Format	Color
Hex	51599F
RGB	81, 89, 159
RGB Percent	32%, 35%, 62%
CMY	0.6824, 0.6510, 0.3765
CMYK	0.49, 0.44, 0.00, 0.38
HSL	234°, 32%, 47%
HSV	234°, 49%, 62%
XYZ	13.2237, 11.3973, 34.3038
YIQ	94.5880, -27.2380, 20.0740

Conversions

Conversions Part 2

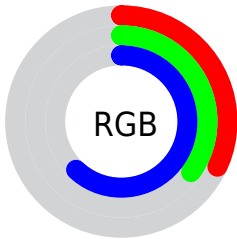
Format	Color
R_{YB}	81, 88, 159
Decimal	5331359
CIE _{Lab}	40.24, 16.66, -39.12
CIE _{LCh}	40, 42.522, 293.072
Yxy	11.3973, 0.2244, 0.1934
Android (android.graphics.Color)	4283521439 (0xFF51599F)
YUV	94.5880, 31.7551, -11.9167
Hunter-Lab	33.7599, 10.8386, -36.6134

Details

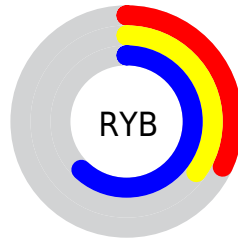
The Hex color **51599F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9F9751**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **878BD6**, and **182C6B** is the 20% darker color. If you saturate the color by 10%, you get **414B9F**, and if you desaturate by 10%, it is **61679F**.

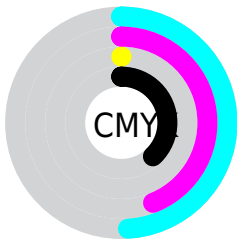
Distribution



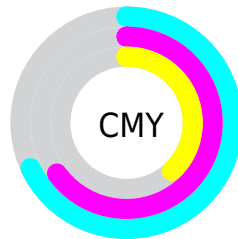
- Red (32%)
- Green (35%)
- Blue (62%)



- Red (32%)
- Yellow (35%)
- Blue (62%)



- Cyan (49%)
- Magenta (44%)
- Yellow (0%)
- Black (38%)



- Cyan (68%)
- Magenta (65%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51599F 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 51599F by changing the saturation by 10% instead.

■ 51599F

■ 51599F

FFFFFF

■ 364285

■ 878BD6

■ 182C6B

■ A2A5F3

■ 001852

■ BEC0FF

■ 00003B

■ DBDCFF

■ 000224

■ F8F8FF

■ 00000C

■ 000000

■ 51599F

■ 51599F

■ 414B9F

■ 61679F

■ 313C9F

■ 71769F

■ 212E9F

■ 81849F

■ 11209F

■ 91929F

■ 01129F

■ A1A09F

■ 00109F

■ B0AF9F

■ C0BD9F

■ D0CB9F

■ E0D99F

Harmonies

Analogous

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



0065A4



51599F



814A89

Triad

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



51599F



914D28



006F55

Complementary

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



51599F



9F9751

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.



2A6C33



51599F



785A14

Square

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



51599F



9E4146



576519



006F79

Rectangle

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



51599F



944274



576519



006E49

Sweetspot

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



51599F



B0B3CF



519F96



565869



E8E8E8



696969

Same Dimension

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



51599F



5561CF



6F519F



47484F



000F8F



00020F

Inverse Universe

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



9F5159



CF5561



819F51



4F4748



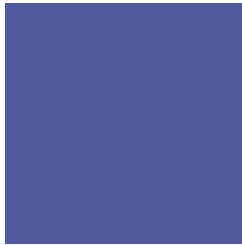
8F000F



0F0002

Previews

White Background



This preview shows how the Hex color 51599F looks on a white background.

Color Contrast Check

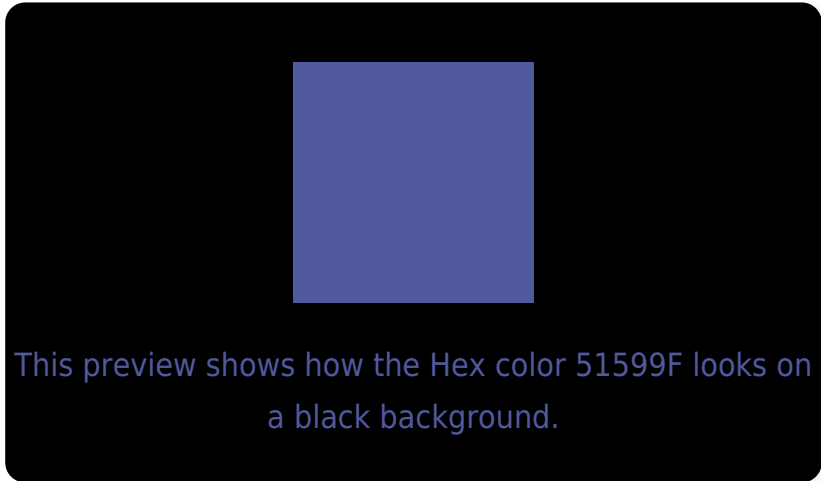
Large Text (above 18pt) WCAG AA ✓ Pass

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 51599F Background



This preview shows how black text looks on a background with the Hex color 51599F.



This preview shows how white text looks on a background with the Hex color 51599F.

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
51599F

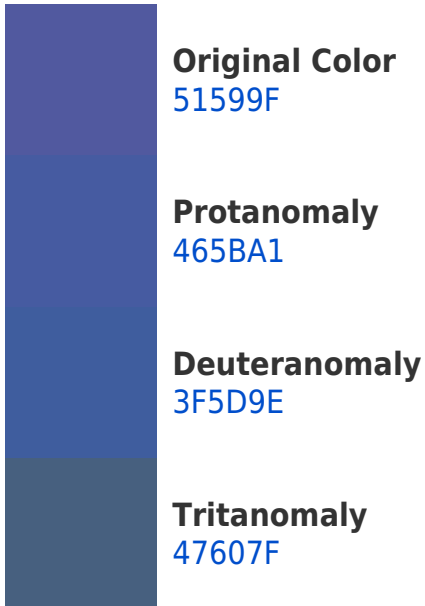
Protanopia
405CA2

Deuteranopia
355F9E

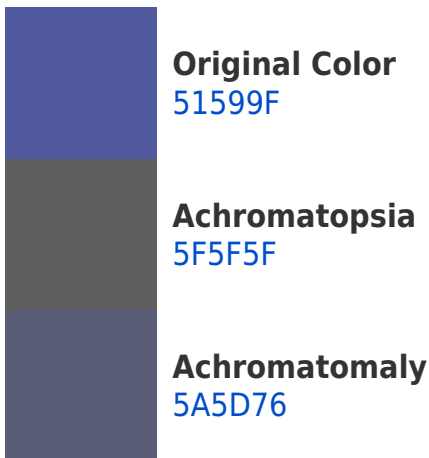


Tritanopia
42646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51599F 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 #51599F looks like.

```
.text, #text, p{  
    color:#51599F  
}
```

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 #51599F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51599F
}
```

Border

The CSS property to change the border of an element to Hex 51599F 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".

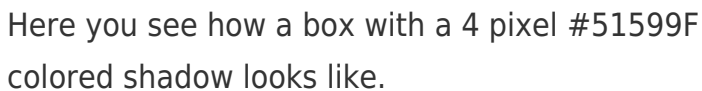
```
.border, #border, table{ border:4px solid
#51599F }
```

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

```
.border{ border-color:#51599F }
```

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

Here you see how a box with a 4 pixel #51599F colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51599F; -webkit-box-shadow:4px 4px  
4px 4px #51599F; box-shadow:4px 4px 4px  
4px #51599F }
```

Background

The CSS property to change the background color of an element to Hex 51599F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51599F }
```

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

```
.background{ background-color:#51599F }
```

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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