

Converting Colors

Hex(51679E)

Have a look what the booklet for
Hex(51679E) contains.

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Color

Hex(51679E)

Conversions

Conversions Part 1

Format	Color
Hex	51679E
RGB	81, 103, 158
RGB Percent	32%, 40%, 62%
CMY	0.6824, 0.5961, 0.3804
CMYK	0.49, 0.35, 0.00, 0.38
HSL	223°, 32%, 47%
HSV	223°, 49%, 62%
XYZ	14.4151, 13.9184, 34.2745
YIQ	102.6920, -30.7670, 12.4410

Conversions

Conversions Part 2

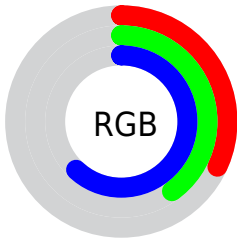
Format	Color
R_{YB}	81, 98, 158
Decimal	5334942
CIE _{Lab}	44.12, 7.52, -32.40
CIE _{LCh}	44, 33.265, 283.072
Yxy	13.9184, 0.2302, 0.2223
Android (android.graphics.Color)	4283525022 (0xFF51679E)
YUV	102.6920, 27.2668, -19.0239
Hunter-Lab	37.3074, 3.6822, -28.3548

Details

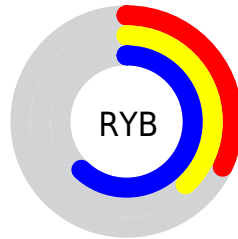
The Hex color **51679E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9E8851**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **869AD5**, and **1A386A** is the 20% darker color. If you saturate the color by 10%, you get **415C9E**, and if you desaturate by 10%, it is **61729E**.

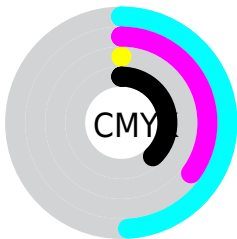
Distribution



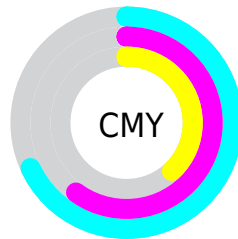
- Red (32%)
- Green (40%)
- Blue (62%)



- Red (32%)
- Yellow (38%)
- Blue (62%)



- Cyan (49%)
- Magenta (35%)
- Yellow (0%)
- Black (38%)



- Cyan (68%)
- Magenta (60%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51679E 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 51679E by changing the saturation by 10% instead.

■ 51679E

■ 51679E

FFFFFF

■ 364F84

■ 869AD5

■ 1A386A

■ A2B5F1

■ 002352

■ BED0FF

■ 000E3A

■ DAECFF

■ 000224

■ F7FFFF

■ 00000C

■ 000000

■ 51679E

■ 51679E

■ 415C9E

■ 61729E

■ 31509E

■ 717E9E

■ 22459E

■ 80899E

■ 123A9E

■ 90949E

■ 022F9E

■ A09F9E

■ 002D9E

■ B0AB9E

■ C0B69E

■ CFC19E

■ DFCD9E

Harmonies

Analogous

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



00709D



51679E



7A5C91

Triad

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



51679E



975744



267557

Complementary

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



51679E



9E8851

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.



4F713F



51679E



866133

Square

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



51679E



9D525D



6D6B31



007774

Rectangle

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



51679E



8D5682



6D6B31



36744E

Sweetspot

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



51679E



B0B8CF



519E87



565B69



E8E8E8



696969

Same Dimension

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



51679E



5779CF



60519E



47494F



00298F



00040F

Inverse Universe

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



9E5167



CF5779



8F9E51



4F4749



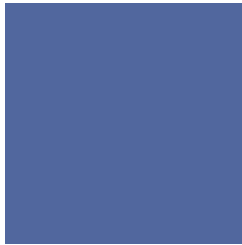
8F0029



0F0004

Previews

White Background



This preview shows how the Hex color 51679E looks on a white background.

Color Contrast Check

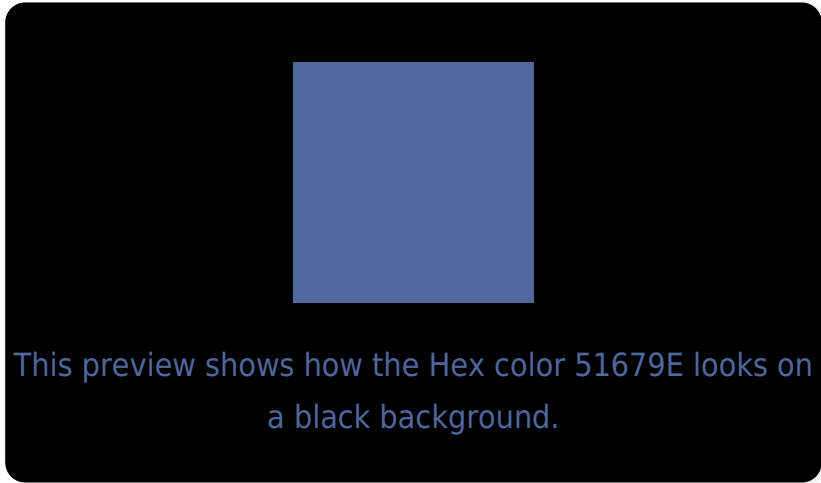
Large Text (above 18pt) WCAG AA ✓ Pass

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

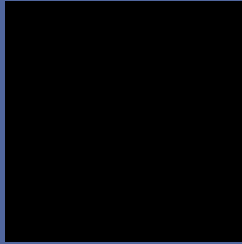
Any Text WCAG AA × Fail

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 51679E Background



This preview shows how black text looks on a background with the Hex color 51679E.

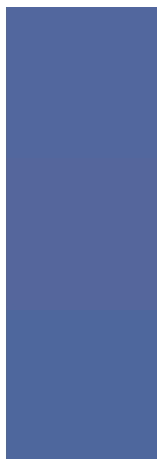


This preview shows how white text looks on a background with the Hex color 51679E.

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

51679E

Protanopia

55669D

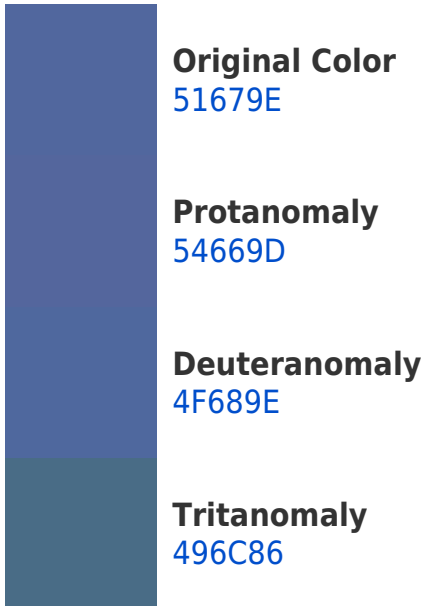
Deuteranopia

4E689E

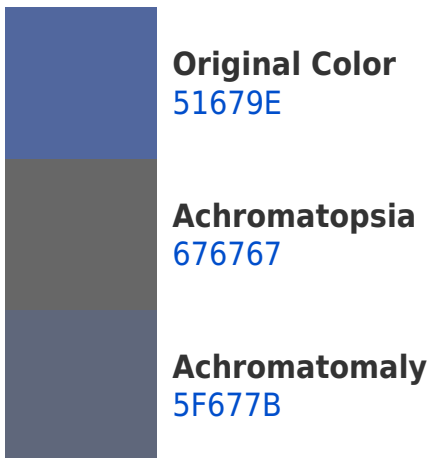


Tritanopia
456F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51679E 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 #51679E looks like.

```
.text, #text, p{  
    color:#51679E  
}
```

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 #51679E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51679E
}
```

Border

The CSS property to change the border of an element to Hex 51679E is called "border". The border property can be set on classes, ids or directly on the HTML element.

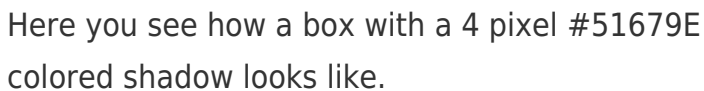
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#51679E }
```

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

```
.border{ border-color:#51679E }
```

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



Here you see how a box with a 4 pixel #51679E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51679E; -webkit-box-shadow:4px 4px  
4px 4px #51679E; box-shadow:4px 4px 4px  
4px #51679E }
```

Background

The CSS property to change the background color of an element to Hex 51679E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51679E }
```

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

```
.background{ background-color:#51679E }
```

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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