

Converting Colors

Hex(4C559F)

Have a look what the booklet for
Hex(4C559F) contains.

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Color

Hex(4C559F)

Conversions

Conversions Part 1

Format	Color
Hex	4C559F
RGB	76, 85, 159
RGB Percent	30%, 33%, 62%
CMY	0.7020, 0.6667, 0.3765
CMYK	0.52, 0.47, 0.00, 0.38
HSL	233°, 35%, 46%
HSV	233°, 52%, 62%
XYZ	12.4870, 10.5367, 34.1765
YIQ	90.7450, -29.1180, 21.1060

Conversions

Conversions Part 2

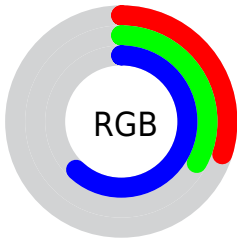
Format	Color
R_YB	76, 84, 159
Decimal	5002655
CIE _{Lab}	38.79, 18.02, -41.46
CIE _{LCh}	39, 45.205, 293.495
Yxy	10.5367, 0.2183, 0.1842
Android (android.graphics.Color)	4283192735 (0xFF4C559F)
YUV	90.7450, 33.6497, -12.9314
Hunter-Lab	32.4603, 11.8608, -39.7026

Details

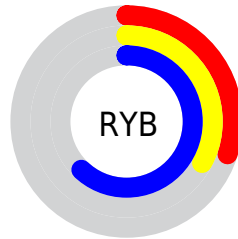
The Hex color **4C559F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9F964C**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **8286D6**, and **0E286B** is the 20% darker color. If you saturate the color by 10%, you get **3C479F**, and if you desaturate by 10%, it is **5C639F**.

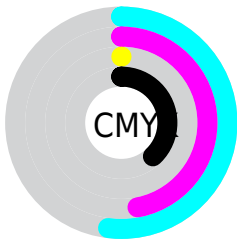
Distribution



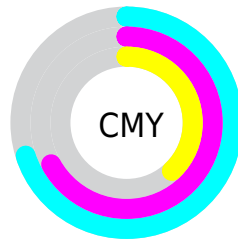
- Red (30%)
- Green (33%)
- Blue (62%)



- Red (30%)
- Yellow (33%)
- Blue (62%)



- Cyan (52%)
- Magenta (47%)
- Yellow (0%)
- Black (38%)



- Cyan (70%)
- Magenta (67%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C559F 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 4C559F by changing the saturation by 10% instead.

■ 4C559F

■ 4C559F

FFFFFF

■ 303E85

■ 8286D6

■ 0E286B

■ 9EA1F3

■ 001552

■ BABCFF

■ 00003B

■ D7D7FF

■ 000224

■ F4F4FF

■ 00000C

■ 000000

■ 4C559F

■ 4C559F

■ 3C479F

■ 5C639F

■ 2C399F

■ 6C719F

■ 1C2A9F

■ 7C809F

■ 0C1C9F

■ 8C8E9F

■ 00119F

■ 9C9C9F

■ ABAA9F

■ BBB89F

■ CBC69F

■ DBD59F

Harmonies

Analogous

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



0062A4



4C559F



804587

Triad

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



4C559F



8F4820



006C52

Complementary

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



4C559F



9F964C

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.



1F692D



4C559F



745706

Square

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



4C559F



9D3A40



52620E



006C78

Rectangle

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



4C559F



933B71



52620E



006B45

Sweetspot

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



4C559F



AEB1CF



4C9F95



555769



E8E8E8



696969

Same Dimension

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



4C559F



4C5BCF



6C4C9F



47484F



000F8F



00020F

Inverse Universe

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



9F4C55



CF4C5B



7F9F4C



4F4748



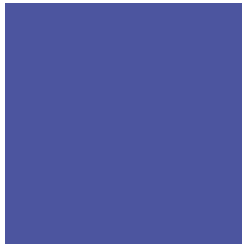
8F000F



0F0002

Previews

White Background



This preview shows how the Hex color 4C559F looks on a white background.

Color Contrast Check

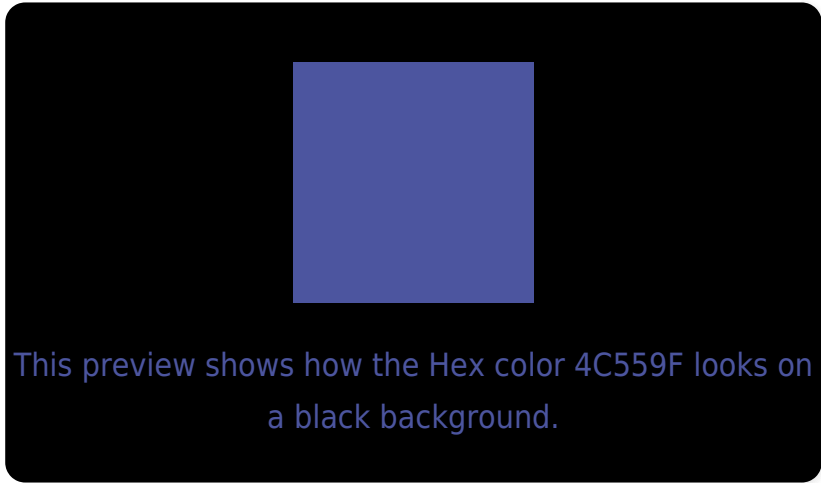
Large Text (above 18pt) WCAG AA ✓ Pass

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

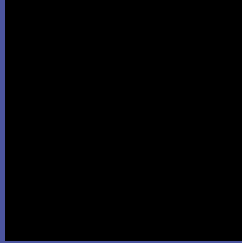
Any Text WCAG AA × Fail

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 4C559F Background



This preview shows how black text looks on a background with the Hex color 4C559F.



This preview shows how white text looks on a background with the Hex color 4C559F.

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
4C559F

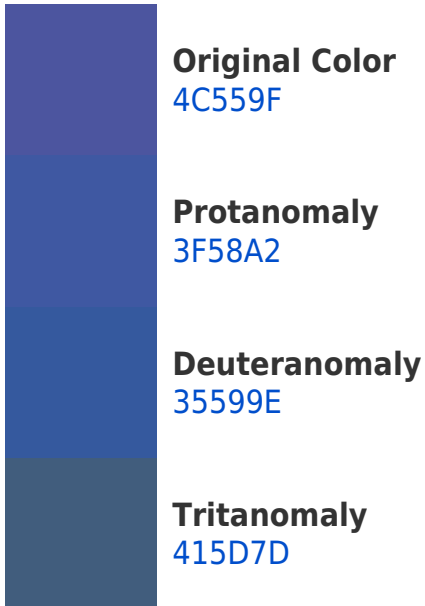
Protanopia
3859A3

Deuteranopia
285C9D



Tritanopia
3A6169

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C559F 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 #4C559F looks like.

```
.text, #text, p{  
    color:#4C559F  
}
```

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 #4C559F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C559F
}
```

Border

The CSS property to change the border of an element to Hex 4C559F is called "border". The border property can be set on classes, ids or directly on the HTML element.

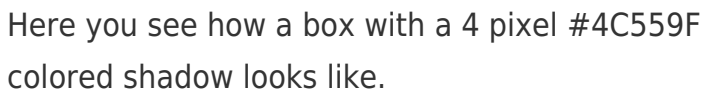
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C559F }
```

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

```
.border{ border-color:#4C559F }
```

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



Here you see how a box with a 4 pixel #4C559F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C559F; -webkit-box-shadow:4px 4px  
4px 4px #4C559F; box-shadow:4px 4px 4px  
4px #4C559F }
```

Background

The CSS property to change the background color of an element to Hex 4C559F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C559F }
```

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

```
.background{ background-color:#4C559F }
```

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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