

Converting Colors

Hex(4C5E9A)

Have a look what the booklet for
Hex(4C5E9A) contains.

Hex(4C5E9A)	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(4C5E9A)

Conversions

Conversions Part 1

Format	Color
Hex	4C5E9A
RGB	76, 94, 154
RGB Percent	30%, 37%, 60%
CMY	0.7020, 0.6314, 0.3961
CMYK	0.51, 0.39, 0.00, 0.40
HSL	226°, 34%, 45%
HSV	226°, 51%, 60%
XYZ	12.8159, 11.8750, 32.1885
YIQ	95.4580, -29.9880, 14.8440

Conversions

Conversions Part 2

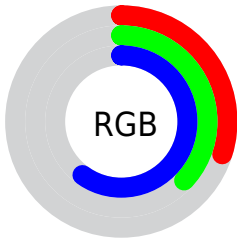
Format	Color
RYB	76, 91, 154
Decimal	5004954
CIELab	41.02, 10.63, -34.93
CIElCh	41, 36.510, 286.930
Yxy	11.8750, 0.2253, 0.2088
Android (android.graphics.Color)	4283195034 (0xFF4C5E9A)
YUV	95.4580, 28.8612, -17.0647
Hunter-Lab	34.4601, 6.0800, -31.2595

Details

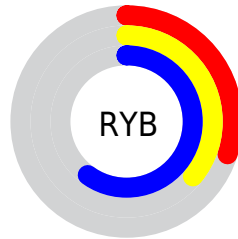
The Hex color **4C5E9A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9A884C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **8190D1**, and **123066** is the 20% darker color. If you saturate the color by 10%, you get **3D529A**, and if you desaturate by 10%, it is **5B6A9A**.

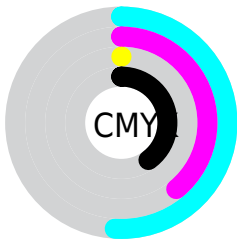
Distribution



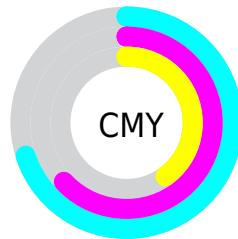
- Red (30%)
- Green (37%)
- Blue (60%)



- Red (30%)
- Yellow (36%)
- Blue (60%)



- Cyan (51%)
- Magenta (39%)
- Yellow (0%)
- Black (40%)



- Cyan (70%)
- Magenta (63%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C5E9A 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 4C5E9A by changing the saturation by 10% instead.



4C5E9A



4C5E9A

FFFFFF



314780



8190D1



123066



9DABED



001C4E



B9C6FF



000037



D5E2FF



000221



F2FEFF



000005



000000



4C5E9A



4C5E9A



3D529A



5B6A9A

■ 2D469A

■ 6B769A

■ 1E3A9A

■ 7A829A

■ 0E2F9A

■ 8A8D9A

■ 00249A

■ 99999A

■ A8A59A

■ B8B19A

■ C7BD9A

■ D7C99A

Harmonies

Analogous

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



00689B



4C5E9A



78528A

Triad

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



4C5E9A



914F36



006F52

Complementary

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



4C5E9A



9A884C

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.



3F6B36



4C5E9A



7D5A25

Square

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



4C5E9A



994751



616424



007071

Rectangle

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



4C5E9A



8B4B79



616424



1D6E48

Sweetspot

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



4C5E9A



ABB2C9



4C9A88



545866



E6E6E6



666666

Same Dimension

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



4C5E9A



4F6BC9



614C9A



45474D



00208C



00030D

Inverse Universe

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



9A4C5E



C94F6B



859A4C



4D4547



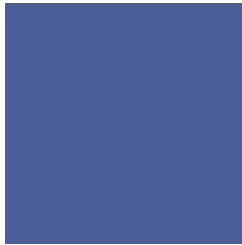
8C0020



0D0003

Previews

White Background



This preview shows how the Hex color 4C5E9A looks on a white background.

Color Contrast Check

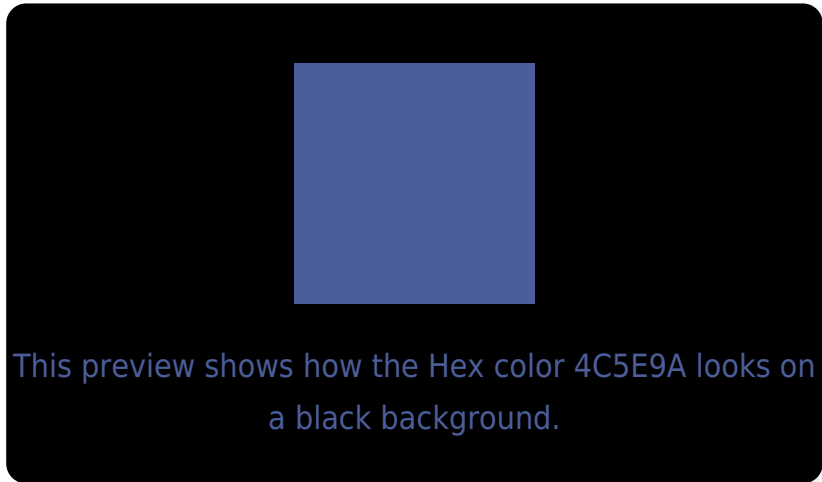
Large Text (above 18pt) WCAG AA ✓ Pass

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

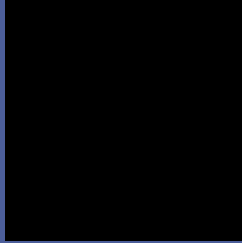
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

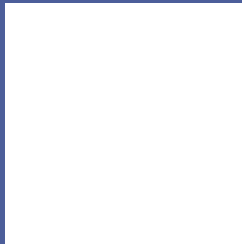
Any Text WCAG AAA × Fail

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

Hex 4C5E9A Background



This preview shows how black text looks on a background with the Hex color 4C5E9A.



This preview shows how white text looks on a background with the Hex color 4C5E9A.

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
4C5E9A

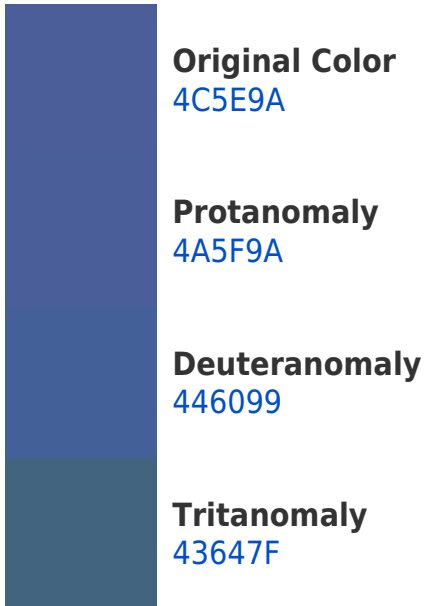
Protanopia
495F9A

Deuteranopia
406199



Tritanopia
3E676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C5E9A 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 #4C5E9A looks like.

```
.text, #text, p{  
    color:#4C5E9A  
}
```

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 #4C5E9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5E9A
}
```

Border

The CSS property to change the border of an element to Hex 4C5E9A 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
#4C5E9A }
```

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

```
.border{ border-color:#4C5E9A }
```

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

Here you see how a box with a 4 pixel #4C5E9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5E9A; -webkit-box-shadow:4px 4px  
4px 4px #4C5E9A; box-shadow:4px 4px 4px  
4px #4C5E9A }
```

Background

The CSS property to change the background color of an element to Hex 4C5E9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5E9A }
```

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

```
.background{ background-color:#4C5E9A }
```

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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