

# Converting Colors

Hex(4C79A5)

Have a look what the booklet for  
Hex(4C79A5) contains.

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# Color

Hex(4C79A5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C79A5
RGB	76, 121, 165
RGB Percent	30%, 47%, 65%
CMY	0.7020, 0.5255, 0.3529
CMYK	0.54, 0.27, 0.00, 0.35
HSL	210°, 37%, 47%
HSV	210°, 54%, 65%
XYZ	16.6094, 17.9279, 38.1823
YIQ	112.5610, -40.9440, 4.1440

# Conversions

## Conversions Part 2

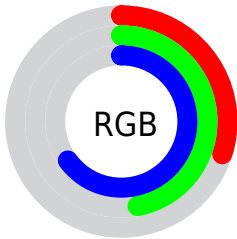
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 106, 165
Decimal	5011877
CIE <sub>Lab</sub>	49.41, -2.39, -28.26
CIE <sub>LCh</sub>	49, 28.364, 265.157
Yxy	17.9279, 0.2284, 0.2465
Android (android.graphics.Color)	4283201957 (0xFF4C79A5)
YUV	112.5610, 25.8524, -32.0640
Hunter-Lab	42.3413, -4.0763, -23.8273

# Details

The Hex color **4C79A5** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A5784C**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **82ADDC**, and **0C4971** is the 20% darker color. If you saturate the color by 10%, you get **3B71A5**, and if you desaturate by 10%, it is **5C81A5**.

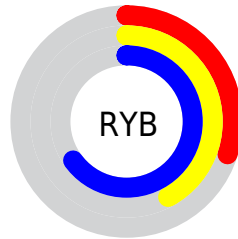
# Distribution



Red (30%)

Green (47%)

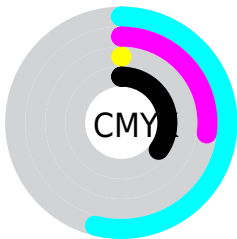
Blue (65%)



Red (30%)

Yellow (42%)

Blue (65%)

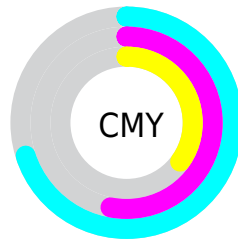


Cyan (54%)

Magenta (27%)

Yellow (0%)

Black (35%)



Cyan (70%)

Magenta (53%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C79A5 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 4C79A5 by changing the saturation by 10% instead.





4C79A5



4C79A5

FFFFFF



30608B



82ADDC



0C4971



9EC8F9



003258



BAE4FF



001E41



D7FFFF



00032B



F4FFFF



000115



000000



4C79A5



4C79A5



3B71A5



5C81A5

■ 2B69A5

■ 6D89A5

■ 1B61A5

■ 7D91A5

■ 0A58A5

■ 8E9AA5

■ 0053A5

■ 9EA2A5

■ AFAAA5

■ BFB2A5

■ D0BAA5

■ E0C2A5

# Harmonies

## Analogous

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



227F9C



4C79A5



7371A1

# Triad

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



4C79A5



A46462



547F59

# Complementary

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



4C79A5



A5784C

# 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.



717A49



4C79A5



9B6A4F

# Square

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



4C79A5



A1637A



897345



358271

# Rectangle

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



4C79A5



886B98



897345



5E7E53



# Sweetspot

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



4C79A5



B4C5D6



4CA577



57616B



EBEBEB



6B6B6B



# Same Dimension

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



4C79A5



4B91D6



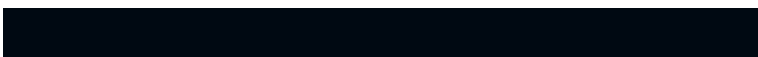
4C4DA5



494E52



004991



000912



# Inverse Universe

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



A54C79



D64B91



A5A44C



52494E



910049



120009



# Previews

## White Background



This preview shows how the Hex color 4C79A5 looks on a white background.

## Color Contrast Check

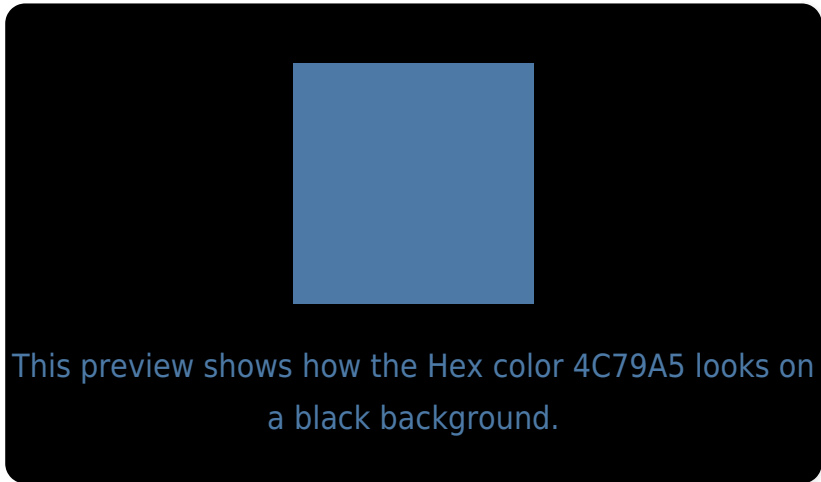
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

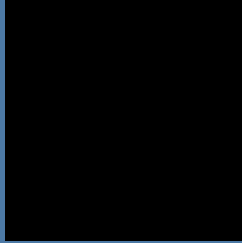
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4C79A5 Background



This preview shows how black text looks on a background with the Hex color 4C79A5.

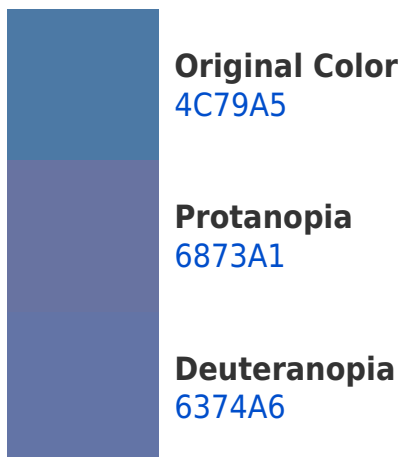


This preview shows how white text looks on a background with the Hex color 4C79A5.

# 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





**Tritanopia**  
427E89

# Trichromacy



**Original Color**  
4C79A5

**Protanomaly**  
5E75A2

**Deuteranomaly**  
5B76A6

**Tritanomaly**  
467C93

# Monochromacy



**Original Color**  
4C79A5

**Achromatopsia**  
717171

**Achromatomaly**  
647484

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C79A5 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 #4C79A5 looks like.

```
.text, #text, p{  
    color:#4C79A5  
}
```

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 #4C79A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C79A5
}
```

## Border

The CSS property to change the border of an element to Hex 4C79A5 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
#4C79A5 }
```

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

```
.border{ border-color:#4C79A5 }
```

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

Here you see how a box with a 4 pixel #4C79A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C79A5; -webkit-box-shadow:4px 4px  
4px 4px #4C79A5; box-shadow:4px 4px 4px  
4px #4C79A5 }
```

# Background

The CSS property to change the background color of an element to Hex 4C79A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C79A5 }
```

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

```
.background{ background-color:#4C79A5 }
```

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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