

# Converting Colors

Hex(4CC599)

Have a look what the booklet for  
Hex(4CC599) contains.

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**Color**

**Hex(4CC599)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CC599
RGB	76, 197, 153
RGB Percent	30%, 77%, 60%
CMY	0.7020, 0.2275, 0.4000
CMYK	0.61, 0.00, 0.22, 0.23
HSL	158°, 51%, 54%
HSV	158°, 61%, 77%
XYZ	28.6965, 43.7689, 37.0728
YIQ	155.8050, -57.9920, -39.3360

# Conversions

## Conversions Part 2

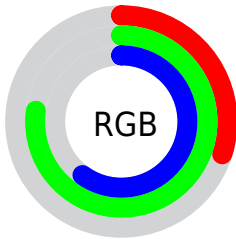
Format	Color
<a href="#">RYB</a>	<a href="#">76, 150, 197</a>
Decimal	<a href="#">5031321</a>
CIELab	<a href="#">72.07, -44.20, 12.19</a>
CIELCh	<a href="#">72, 45.851, 164.576</a>
Yxy	<a href="#">43.7689, 0.2620, 0.3996</a>
Android (android.graphics.Color)	<a href="#">4283221401 (0xFF4CC599)</a>
YUV	<a href="#">155.8050, -1.3829, -69.9890</a>
Hunter-Lab	<a href="#">66.1581, -38.3511, 13.0865</a>

# Details

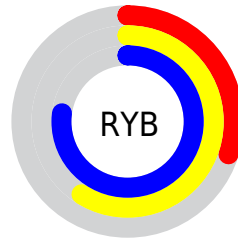
The Hex color **4CC599** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C54C78**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **88FECF**, and **008E66** is the 20% darker color. If you saturate the color by 10%, you get **38C592**, and if you desaturate by 10%, it is **60C5A0**.

# Distribution



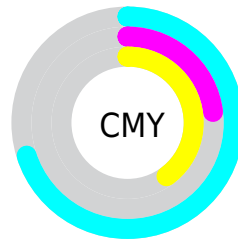
- Red (30%)
- Green (77%)
- Blue (60%)



- Red (30%)
- Yellow (59%)
- Blue (77%)



- Cyan (61%)
- Magenta (0%)
- Yellow (22%)
- Black (23%)



- Cyan (70%)
- Magenta (23%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CC599 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 4CC599 by changing the saturation by 10% instead.





4CC599



4CC599

FFFFFF



29A97F



88FECF



008E66



A5FFEC



00744E



C2FFFF



005B37



E0FFFF



004221

FEFFFF



002C0C



000E00



000000



4CC599



4CC599

■ 38C592

■ 60C5A0

■ 25C58B

■ 73C5A7

■ 11C584

■ 87C5AE

■ 00C57D

■ 9BC5B6

■ AFC5BD

■ C2C5C4

■ D6C5CB

■ EAC5D2

■ FDC5D9

# Harmonies

## Analogous

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



88BF73



4CC599



00C7C4

# Triad

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



4CC599



92AEFF



F89878

# Complementary

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



4CC599



C54C78

# 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.



FF8F9E



4CC599



CF9EED

# Square

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



4CC599



37BBFF



F491C8



DDA75F

# Rectangle

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



4CC599



00C5DF



F491C8



FD9483

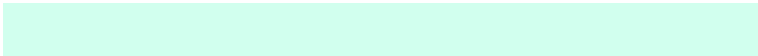


# Sweetspot

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



4CC599



D1FFEE



78C54C



638075



000000



808080



# Same Dimension

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



4CC599



42FFBA



4CB5C5



5A6360



00A368



002417



# Inverse Universe

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



C54C78



FF4287



C55C4C



635A5D



A3003B

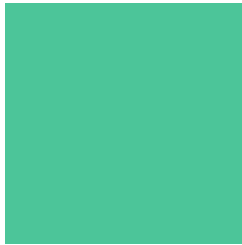


24000D



# Previews

## White Background



This preview shows how the Hex color 4CC599 looks on a white background.

## Color Contrast Check

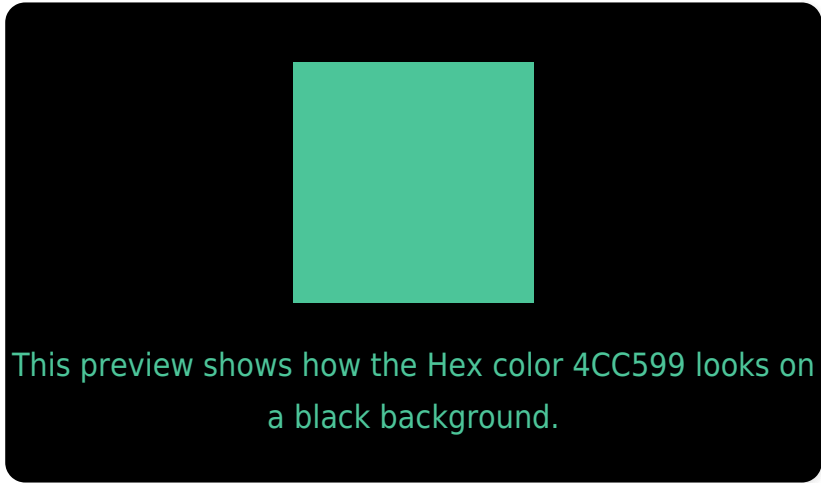
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

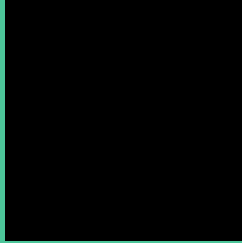
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4CC599 Background



This preview shows how black text looks on a background with the Hex color 4CC599.

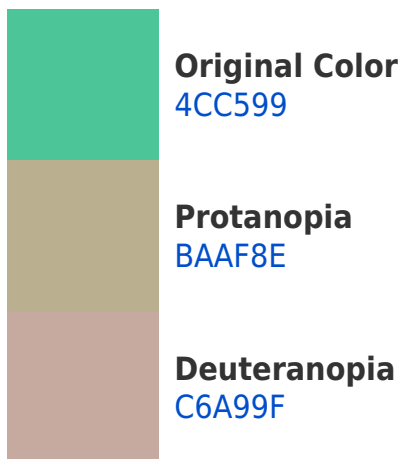


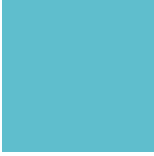
This preview shows how white text looks on a background with the Hex color 4CC599.

# Color Blindness Simulation

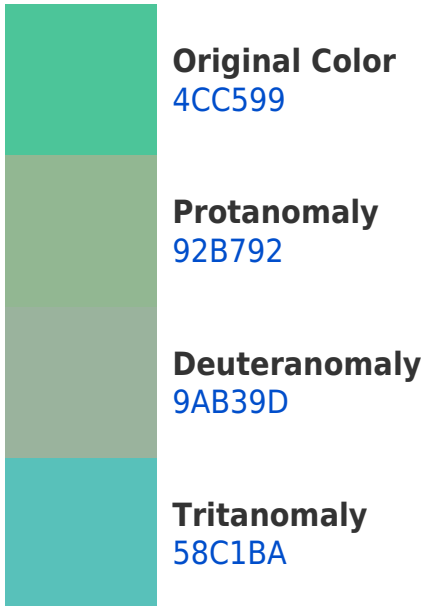
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

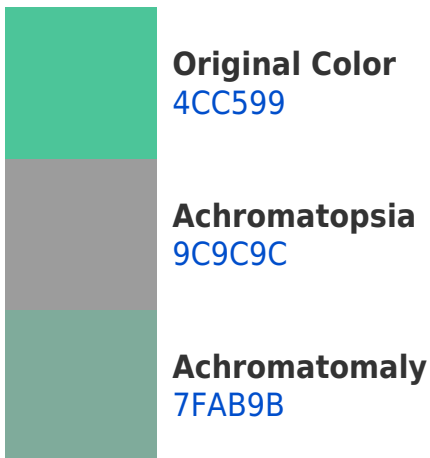




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CC599 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 #4CC599 looks like.

```
.text, #text, p{  
    color:#4CC599  
}
```

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 #4CC599 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CC599
}
```

## Border

The CSS property to change the border of an element to Hex 4CC599 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
#4CC599 }
```

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

```
.border{ border-color:#4CC599 }
```

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

Here you see how a box with a 4 pixel #4CC599 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CC599; -webkit-box-shadow:4px 4px  
4px 4px #4CC599; box-shadow:4px 4px 4px  
4px #4CC599 }
```

# Background

The CSS property to change the background color of an element to Hex 4CC599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CC599 }
```

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

```
.background{ background-color:#4CC599 }
```

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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