

# Converting Colors

Hex(4CCAA5)

Have a look what the booklet for  
Hex(4CCAA5) contains.

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**Color**

**Hex(4CCAA5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CCAA5
RGB	76, 202, 165
RGB Percent	30%, 79%, 65%
CMY	0.7020, 0.2078, 0.3529
CMYK	0.62, 0.00, 0.18, 0.21
HSL	162°, 54%, 55%
HSV	162°, 62%, 79%
XYZ	30.8926, 46.4942, 42.9434
YIQ	160.1080, -63.2190, -38.2190

# Conversions

## Conversions Part 2

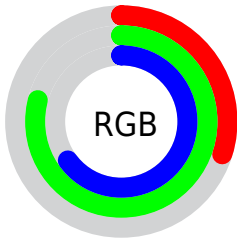
Format	Color
<a href="#">RYB</a>	<a href="#">76, 150, 202</a>
Decimal	<a href="#">5032613</a>
CIELab	<a href="#">73.87, -43.57, 8.27</a>
CIElCh	<a href="#">74, 44.351, 169.254</a>
Yxy	<a href="#">46.4942, 0.2567, 0.3864</a>
Android (android.graphics.Color)	<a href="#">4283222693 (0xFF4CAA5)</a>
YUV	<a href="#">160.1080, 2.4118, -73.7627</a>
Hunter-Lab	<a href="#">68.1866, -38.4556, 10.3903</a>

# Details

The Hex color **4CCAA5** 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 **CA4C71**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **89FFDC**, and **009371** is the 20% darker color. If you saturate the color by 10%, you get **38CA9F**, and if you desaturate by 10%, it is **60CAAB**.

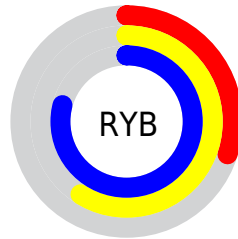
# Distribution



Red (30%)

Green (79%)

Blue (65%)



Red (30%)

Yellow (59%)

Blue (79%)

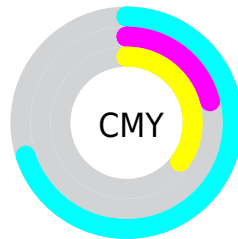


Cyan (62%)

Magenta (0%)

Yellow (18%)

Black (21%)



Cyan (70%)

Magenta (21%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CCAA5 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 4CCAA5 by changing the saturation by 10% instead.





4CCAA5



4CCAA5

FFFFFF



28AE8B



89FFDC



009371



A6FFF9



007959



C4FFFF



005F41



E2FFFF



00462B



002F17



001600



000000



4CCAA5



4CCAA5

 38CA9F

 60CAAB

 24CA99

 74CAB1

 0FCA93

 89CAB7

 00CA8F

 9DCABD

 B1CAC3

 C5CAC9

 D9CACF

 EECAD4

 FFCADA

# Harmonies

## Analogous

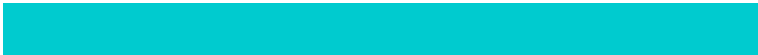
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87C57F



4CCA5



00BCF

# Triad

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



4CAA5



A3B0F



F8A079

# Complementary

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



4CCAA5



CA4C71

# 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.



FF969D



4CCAA5



DAA1EB

# Square

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



4CCAA5



58BEFF



FB96C6



DCAE65

# Rectangle

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



4CCA5



00C9E8



FB96C6



FE9C84

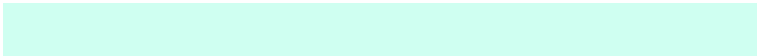


# Sweetspot

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



4CCA5



CFFF1



72CA4C



628077



000000



808080



# Same Dimension

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



4CCAA5



40FFC7



4CB1CA



5C6663



00A675



00261B



# Inverse Universe

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



CA4C71



FF4078



CA654C



665C5F



A60031

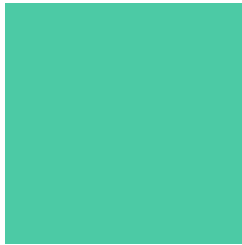


26000B



# Previews

## White Background



This preview shows how the Hex color 4CCAA5 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



This preview shows how the Hex color 4CCAA5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

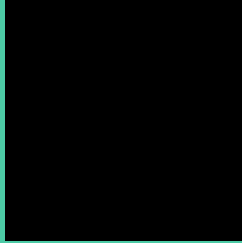
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

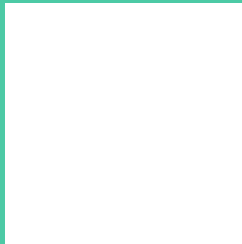
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4CCAA5 Background



This preview shows how black text looks on a background with the Hex color 4CCAA5.

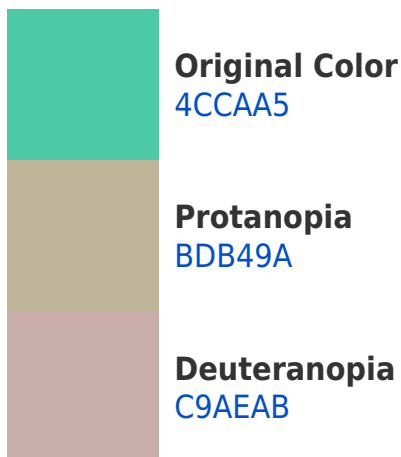


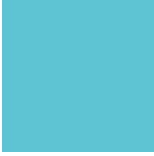
This preview shows how white text looks on a background with the Hex color 4CCAA5.

# 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**  
5EC4D3

# Trichromacy



**Original Color**  
4CCAA5



**Protanomaly**  
94BC9E



**Deuteranomaly**  
9CB8A9



**Tritanomaly**  
57C6C2

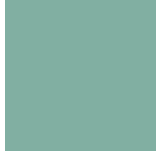
# Monochromacy



**Original Color**  
4CCAA5



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
81AFA2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CCAA5 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 #4CCAA5 looks like.

```
.text, #text, p{  
    color:#4CCAA5  
}
```

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 #4CCAA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CCAA5  
}
```

## Border

The CSS property to change the border of an element to Hex 4CCAA5 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  
#4CCAA5 }
```

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

```
.border{ border-color:#4CCAA5 }
```

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

Here you see how a box with a 4 pixel #4CCAA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CCAA5; -webkit-box-shadow:4px 4px  
4px 4px #4CCAA5; box-shadow:4px 4px 4px  
4px #4CCAA5 }
```

# Background

The CSS property to change the background color of an element to Hex 4CCAA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CCAA5 }
```

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

```
.background{ background-color:#4CCAA5 }
```

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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