

# Converting Colors

Hex(4CCA90)

Have a look what the booklet for  
Hex(4CCA90) contains.

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**Color**

**Hex(4CCA90)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CCA90
RGB	76, 202, 144
RGB Percent	30%, 79%, 56%
CMY	0.7020, 0.2078, 0.4353
CMYK	0.62, 0.00, 0.29, 0.21
HSL	152°, 54%, 55%
HSV	152°, 62%, 79%
XYZ	29.1351, 45.7912, 33.6886
YIQ	157.7140, -56.4780, -44.7500

# Conversions

## Conversions Part 2

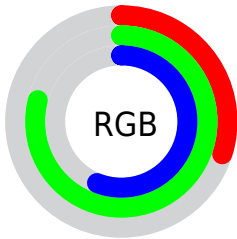
Format	Color
<a href="#">RYB</a>	<a href="#">76, 158, 202</a>
Decimal	<a href="#">5032592</a>
CIELab	<a href="#">73.41, -48.26, 18.88</a>
CIELCh	<a href="#">73, 51.822, 158.629</a>
Yxy	<a href="#">45.7912, 0.2682, 0.4216</a>
Android (android.graphics.Color)	<a href="#">4283222672 (0xFF4CCA90)</a>
YUV	<a href="#">157.7140, -6.7610, -71.6632</a>
Hunter-Lab	<a href="#">67.6692, -41.5676, 17.8514</a>

# Details

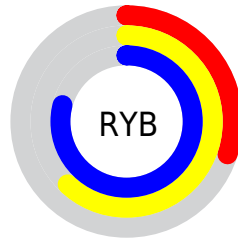
The Hex color **4CCA90** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CA4C86**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **88FFC6**, and **00935D** is the 20% darker color. If you saturate the color by 10%, you get **38CA87**, and if you desaturate by 10%, it is **60CA99**.

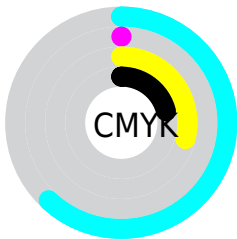
# Distribution



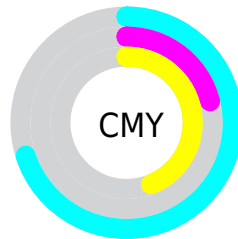
- Red (30%)
- Green (79%)
- Blue (56%)



- Red (30%)
- Yellow (62%)
- Blue (79%)



- Cyan (62%)
- Magenta (0%)
- Yellow (29%)
- Black (21%)



- Cyan (70%)
- Magenta (21%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CCA90 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 4CCA90 by changing the saturation by 10% instead.



 4CCA90

 4CCA90

FFFFFF

 28AE76

 88FFC6

 00935D

 A6FFE2

 007845

 C3FFFF

 005F2F

 E1FFFF

 004619

 002F00

 001400

 000000

 4CCA90

 4CCA90

 38CA87

 60CA99

 24CA7D

 74CAA3

 0FCA74

 89CAAC

 00CA6D

 9DCAB5

 B1CABE

 C5CAC8

 D9CAD1

 EECADA

 FFCAE4

# Harmonies

## Analogous

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



90C367



4CCA90



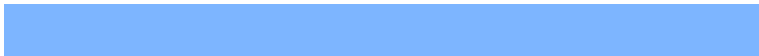
00CDC1

# Triad

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



4CCA90



7DB5FF



FF957B

# Complementary

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



4CCA90



CA4C86

# 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.



FF8CA8



4CCA90



CAA2FF

# Square

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



4CCA90



00C3FF



FA92D8



EDA65B

# Rectangle

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



4CCA90



00CCE0



FA92D8



FF9189

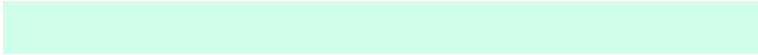


# Sweetspot

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



4CCA90



CFFFE9



87CA4C



628072



000000



808080



# Same Dimension

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



4CCA90



40FFA7



4CC6CA



5C6661



00A659



002615



# Inverse Universe

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



CA4C86



FF4098



CA504C



665C60



A6004C

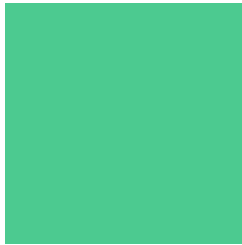


260012



# Previews

## White Background



This preview shows how the Hex color 4CCA90 looks on a white background.

## Color Contrast Check

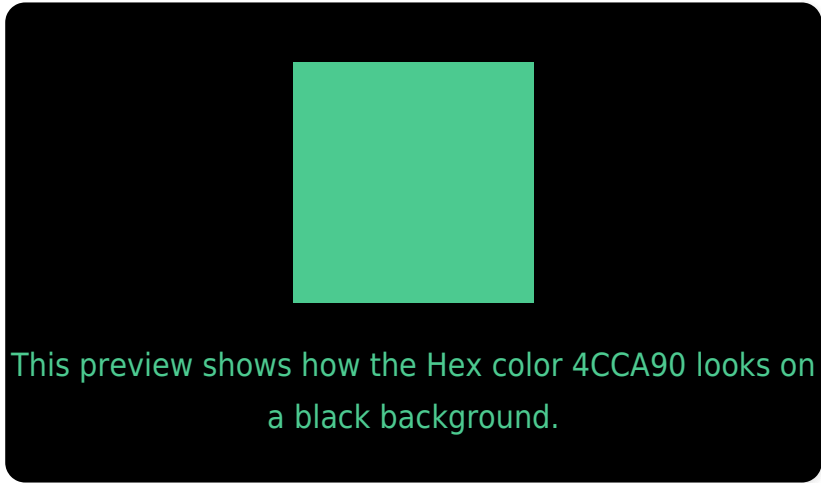
Large Text (above 18pt) WCAG AA × Fail

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

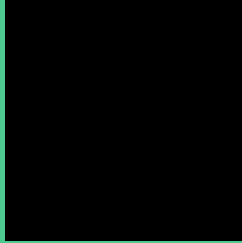
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4CCA90 Background



This preview shows how black text looks on a background with the Hex color 4CCA90.

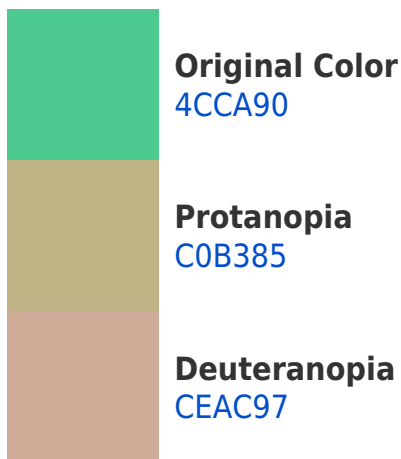


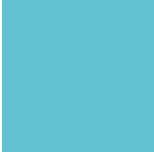
This preview shows how white text looks on a background with the Hex color 4CCA90.

# 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**  
62C2D1

# Trichromacy



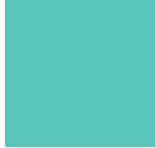
**Original Color**  
4CCA90



**Protanomaly**  
96BB89



**Deuteranomaly**  
9FB794



**Tritanomaly**  
5AC5B9

# Monochromacy



**Original Color**  
4CCA90



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
80AE99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CCA90 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 #4CCA90 looks like.

```
.text, #text, p{  
    color:#4CCA90  
}
```

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 #4CCA90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CCA90
}
```

## Border

The CSS property to change the border of an element to Hex 4CCA90 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
#4CCA90 }
```

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

```
.border{ border-color:#4CCA90 }
```

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

Here you see how a box with a 4 pixel #4CCA90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CCA90; -webkit-box-shadow:4px 4px  
4px 4px #4CCA90; box-shadow:4px 4px 4px  
4px #4CCA90 }
```

# Background

The CSS property to change the background color of an element to Hex 4CCA90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CCA90 }
```

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

```
.background{ background-color:#4CCA90 }
```

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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