

# Converting Colors

Hex(4DCC90)

Have a look what the booklet for  
Hex(4DCC90) contains.

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**Color**

**Hex(4DCC90)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DCC90
RGB	77, 204, 144
RGB Percent	30%, 80%, 56%
CMY	0.6980, 0.2000, 0.4353
CMYK	0.62, 0.00, 0.29, 0.20
HSL	152°, 55%, 55%
HSV	152°, 62%, 80%
XYZ	29.6875, 46.7771, 33.8498
YIQ	159.1870, -56.4320, -45.5840

# Conversions

## Conversions Part 2

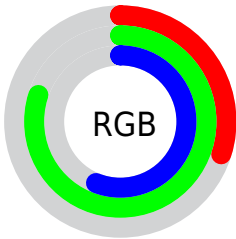
Format	Color
<a href="#">RYB</a>	<a href="#">77, 160, 204</a>
Decimal	<a href="#">5098640</a>
CIELab	<a href="#">74.05, -48.89, 19.77</a>
CIELCh	<a href="#">74, 52.733, 157.984</a>
Yxy	<a href="#">46.7771, 0.2691, 0.4240</a>
Android (android.graphics.Color)	<a href="#">4283288720 (0xFF4DCC90)</a>
YUV	<a href="#">159.1870, -7.4872, -72.0780</a>
Hunter-Lab	<a href="#">68.3938, -42.2083, 18.5316</a>

# Details

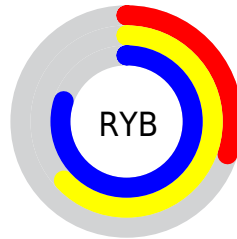
The Hex color **4DCC90** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CC4D89**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **89FFC6**, and **00955D** is the 20% darker color. If you saturate the color by 10%, you get **39CC86**, and if you desaturate by 10%, it is **61CC9A**.

# Distribution



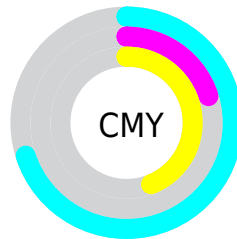
- Red (30%)
- Green (80%)
- Blue (56%)



- Red (30%)
- Yellow (63%)
- Blue (80%)



- Cyan (62%)
- Magenta (0%)
- Yellow (29%)
- Black (20%)



- Cyan (70%)
- Magenta (20%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DCC90 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 4DCC90 by changing the saturation by 10% instead.



 4DCC90

 4DCC90

FFFFFF

 29B076

 89FFC6

 00955D

 A7FFE2

 007A45

 C4FFFF

 00602F

 E2FFFF

 004819

 003000

 001700

 000000

 4DCC90

 4DCC90

 39CC86

 61CC9A

 24CC7D

 76CCA3

 10CC73

 8ACCAD

 00CC6C

 9FCCB7

 B3CCC0

 C7CCCA

 DCCCD3

 F0CCDD

 FFCCE7

# Harmonies

## Analogous

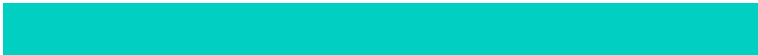
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93C467



4DCC90



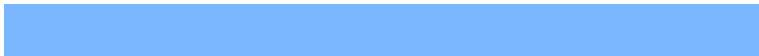
00CFC2

# Triad

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



4DCC90



7BB7FF



FF967D

# Complementary

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



4DCC90



CC4D89

# 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.



FF8DAB



4DCC90



CBA4FF

# Square

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



4DCC90



00C5FF



FC93DB



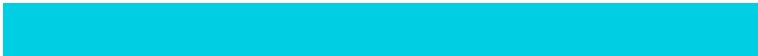
F0A75C

# Rectangle

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



4DCC90



00CEE2



FC93DB



FF918B

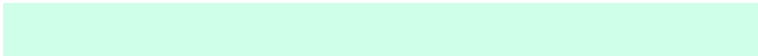


# Sweetspot

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



4DCC90



CFFFE8



8ACC4D



628072



000000



808080



# Same Dimension

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



4DCC90



40FFA5



4DCACC



5C6661



00A657



002614



# Inverse Universe

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



CC4D89



FF409A



CC4F4D



665C61



A6004E



260012



# Previews

## White Background



This preview shows how the Hex color 4DCC90 looks on a white background.

## Color Contrast Check

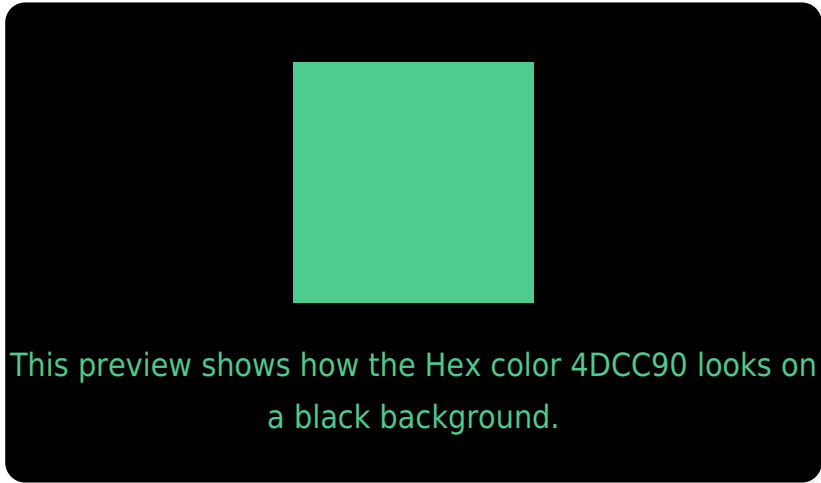
Large Text (above 18pt) WCAG AA × Fail

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

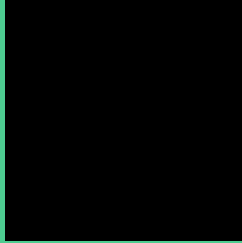
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4DCC90 Background



This preview shows how black text looks on a background with the Hex color 4DCC90.

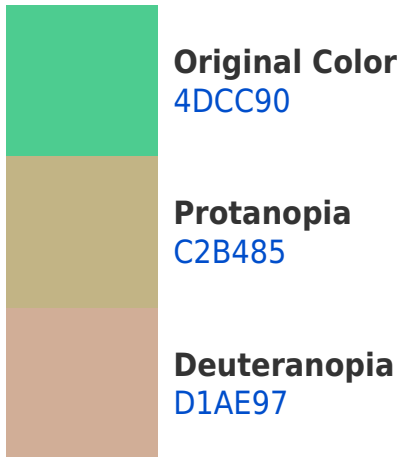


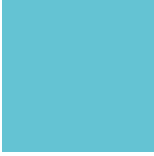
This preview shows how white text looks on a background with the Hex color 4DCC90.

# 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](#).

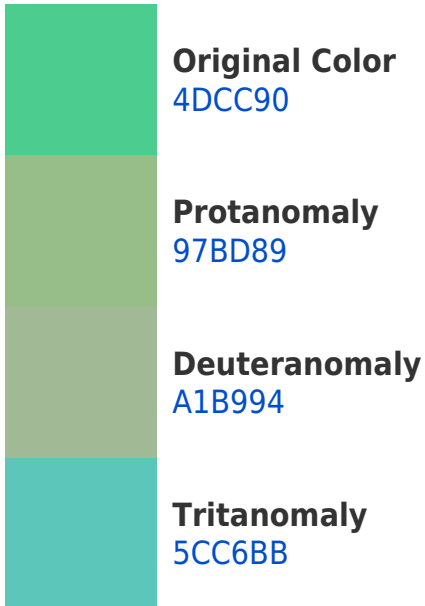
## Dichromacy



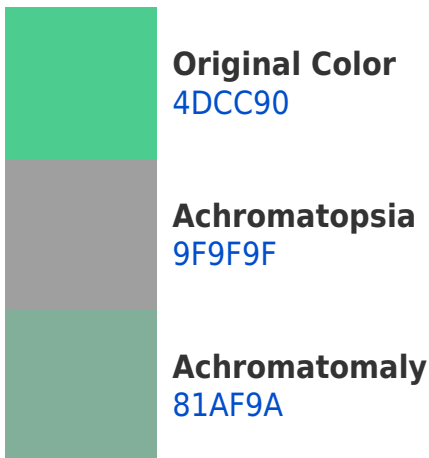


**Tritanopia**  
64C3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DCC90 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 #4DCC90 looks like.

```
.text, #text, p{  
    color:#4DCC90  
}
```

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 #4DCC90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DCC90
}
```

## Border

The CSS property to change the border of an element to Hex 4DCC90 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
#4DCC90 }
```

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

```
.border{ border-color:#4DCC90 }
```

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

Here you see how a box with a 4 pixel #4DCC90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DCC90; -webkit-box-shadow:4px 4px  
4px 4px #4DCC90; box-shadow:4px 4px 4px  
4px #4DCC90 }
```

# Background

The CSS property to change the background color of an element to Hex 4DCC90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DCC90 }
```

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

```
.background{ background-color:#4DCC90 }
```

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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