

# Converting Colors

Hex(4D9E50)

Have a look what the booklet for  
Hex(4D9E50) contains.

|  |    |
|--|----|
| <b>Hex(4D9E50)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

Hex(4D9E50)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 4D9E50                       |
| RGB         | 77, 158, 80                  |
| RGB Percent | 30%, 62%, 31%                |
| CMY         | 0.6980, 0.3804, 0.6863       |
| CMYK        | 0.51, 0.00, 0.49, 0.38       |
| HSL         | 122°, 34%, 46%               |
| HSV         | 122°, 51%, 62%               |
| XYZ         | 16.7354, 26.6107, 11.8437    |
| YIQ         | 124.8890, -23.2380, -41.4300 |

# Conversions

## Conversions Part 2

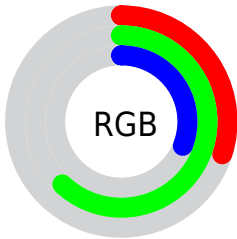
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 77, 155, 158                    |
| Decimal                             | 5086800                         |
| CIELab                              | 58.61, -41.36, 33.17            |
| CIELCh                              | 59, 53.019, 141.271             |
| Yxy                                 | 26.6107, 0.3032,<br>0.4822      |
| Android<br>(android.graphics.Color) | 4283276880<br>(0xFF4D9E50)      |
| YUV                                 | 124.8890, -22.1303,<br>-41.9987 |
| Hunter-Lab                          | 51.5855, -32.3657,<br>22.4972   |

# Details

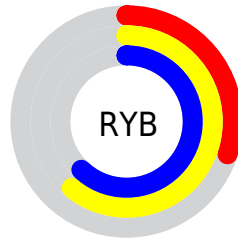
The Hex color **4D9E50** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9E4D9B**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **84D583**, and **0E6A20** is the 20% darker color. If you saturate the color by 10%, you get **3D9E41**, and if you desaturate by 10%, it is **5D9E5F**.

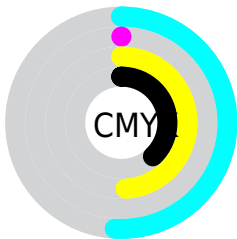
# Distribution



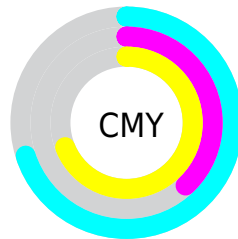
- Red (30%)
- Green (62%)
- Blue (31%)



- Red (30%)
- Yellow (61%)
- Blue (62%)



- Cyan (51%)
- Magenta (0%)
- Yellow (49%)
- Black (38%)



- Cyan (70%)
- Magenta (38%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D9E50 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 4D9E50 by changing the saturation by 10% instead.





4D9E50



4D9E50

FFFFFF



318338



84D583



0E6A20



9FF29D



005106



BCFFB8



003900



D8FFD4



002400



F6FFF1



000000



4D9E50



4D9E50



3D9E41



5D9E5F



2D9E32



6D9E6E

 1E9E22

 7C9E7E

 0E9E13

 8C9E8D

 009E06

 9C9E9C

 AC9EAB

 BC9EBB

 CB9ECA

 DB9ED9

# Harmonies

## Analogous

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



86942F



4D9E50



00A37D

# Triad

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



4D9E50



0096E9



E2656E

# Complementary

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



4D9E50



9E4D9B

# 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.



DB649D



4D9E50



7786E4

# Square

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



4D9E50



00A0D5



B873C8



D27445

# Rectangle

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



4D9E50



00A49E



B873C8



E2637D



# Sweetspot

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



4D9E50



B0CFB1



9B9E4D



566956



E8E8E8



696969



# Same Dimension

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



4D9E50



4ECF53



4D9E78



474F47



008F05



000F01



# Inverse Universe

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



9E4D9B



CF4ECA



9E4D73



4F474F



8F008A



0F000F



# Previews

## White Background



This preview shows how the Hex color 4D9E50 looks on a white background.

## Color Contrast Check

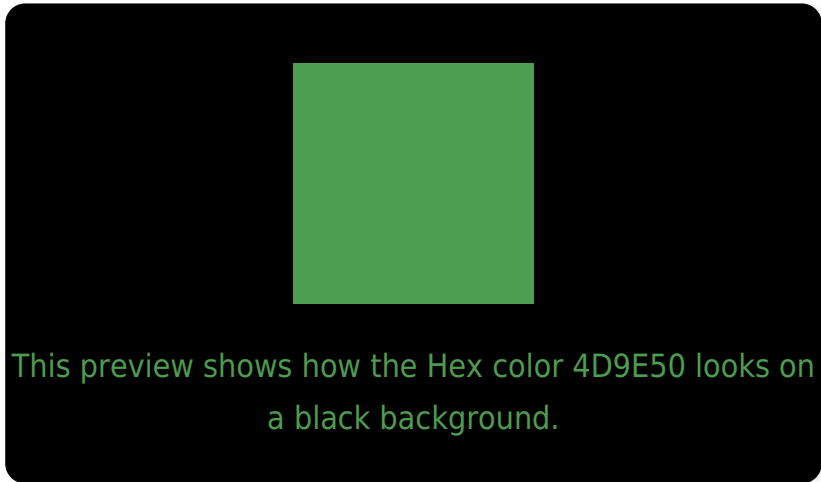
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex 4D9E50 Background



This preview shows how black text looks on a background with the Hex color 4D9E50.

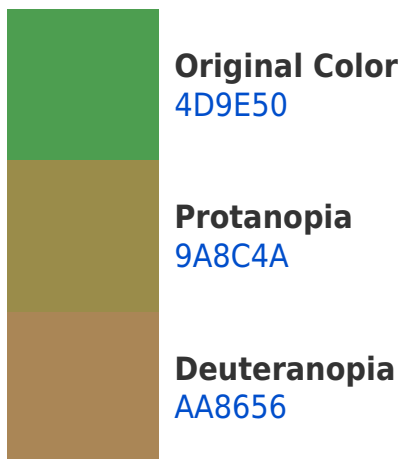


This preview shows how white text looks on a background with the Hex color 4D9E50.

# 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](#).

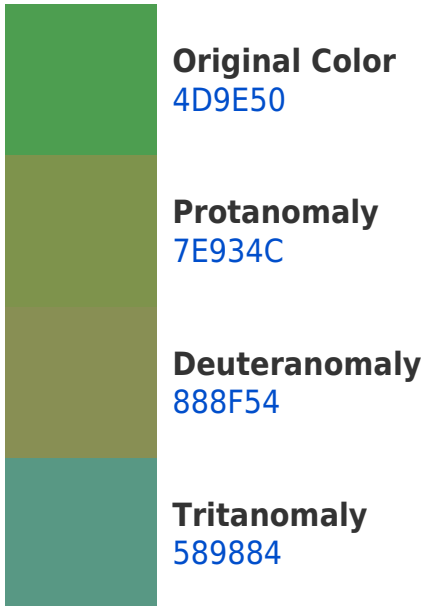
## Dichromacy



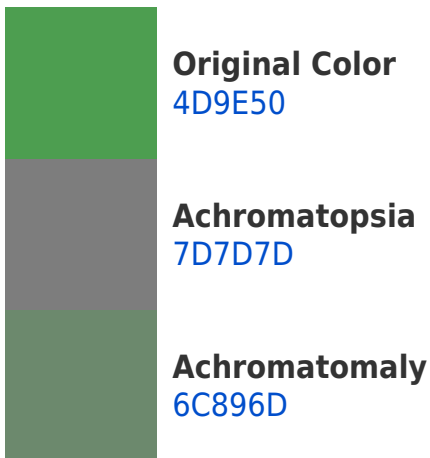


**Tritanopia**  
5F95A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D9E50 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 #4D9E50 looks like.

```
.text, #text, p{  
    color:#4D9E50  
}
```

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 #4D9E50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D9E50
}
```

## Border

The CSS property to change the border of an element to Hex 4D9E50 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
#4D9E50 }
```

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

```
.border{ border-color:#4D9E50 }
```

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

Here you see how a box with a 4 pixel #4D9E50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D9E50; -webkit-box-shadow:4px 4px  
4px 4px #4D9E50; box-shadow:4px 4px 4px  
4px #4D9E50 }
```

# Background

The CSS property to change the background color of an element to Hex 4D9E50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D9E50 }
```

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

```
.background{ background-color:#4D9E50 }
```

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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