

# Converting Colors

Hex(4D9217)

Have a look what the booklet for  
Hex(4D9217) contains.

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**Color**

**Hex(4D9217)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D9217
RGB	77, 146, 23
RGB Percent	30%, 57%, 9%
CMY	0.6980, 0.4275, 0.9098
CMYK	0.47, 0.00, 0.84, 0.43
HSL	94°, 73%, 33%
HSV	94°, 84%, 57%
XYZ	13.4941, 22.1974, 4.3839
YIQ	111.3470, -1.6410, -52.8810

# Conversions

## Conversions Part 2

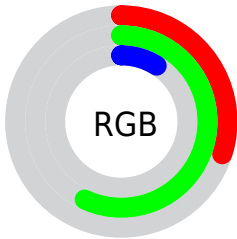
Format	Color
R <sub>Y</sub> B	23, 146, 92
Decimal	5083671
CIE Lab	54.24, -41.90, 52.55
CIE LCh	54, 67.209, 128.569
Yxy	22.1974, 0.3367, 0.5539
Android (android.graphics.Color)	4283273751 (0xFF4D9217)
YUV	111.3470, -43.5551, -30.1223
Hunter-Lab	47.1141, -31.3250, 27.4630

# Details

The Hex color **4D9217** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5C1792**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **84C94F**, and **0D5F00** is the 20% darker color. If you saturate the color by 10%, you get **459208**, and if you desaturate by 10%, it is **559226**.

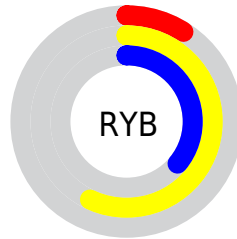
# Distribution



Red (30%)

Green (57%)

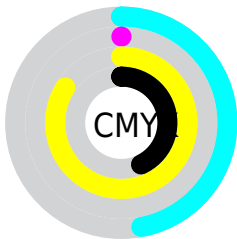
Blue (9%)



Red (9%)

Yellow (57%)

Blue (36%)

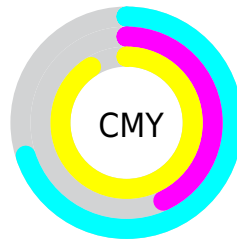


Cyan (47%)

Magenta (0%)

Yellow (84%)

Black (43%)



Cyan (70%)

Magenta (43%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D9217 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 4D9217 by changing the saturation by 10% instead.





4D9217



4D9217

FFFFFF



307800



84C94F



0D5F00



A0E56A



004600



BDF85



002F00



DAFFA0



001700



F7FFBC



000000



FFFFD8



FFFFF6



4D9217



4D9217

 459208

 559226

 409200

 5D9234

 669243

 6E9251

 769260

 7E926F

 86927D

 8F928C

 97929A

# Harmonies

## Analogous

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



8D8400



4D9217



009955

# Triad

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



4D9217



0093EE



E84174

# Complementary

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



4D9217



5C1792

# 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.



D34DAD



4D9217



0083F5

# Square

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



4D9217



009BC9



986ADD



DE543C

# Rectangle

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



4D9217



009B7D



986ADD



E54287



# Sweetspot

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



4D9217



A2BD8E



925B17



4E5E42



DEDEDE



5E5E5E



# Same Dimension

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



4D9217



53BD00



17921D



464A43



3C8A00



040A00



# Inverse Universe

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



5C1792



6A00BD



92178C



47434A



4D008A



06000A



# Previews

## White Background



This preview shows how the Hex color 4D9217 looks on a white background.

## Color Contrast Check

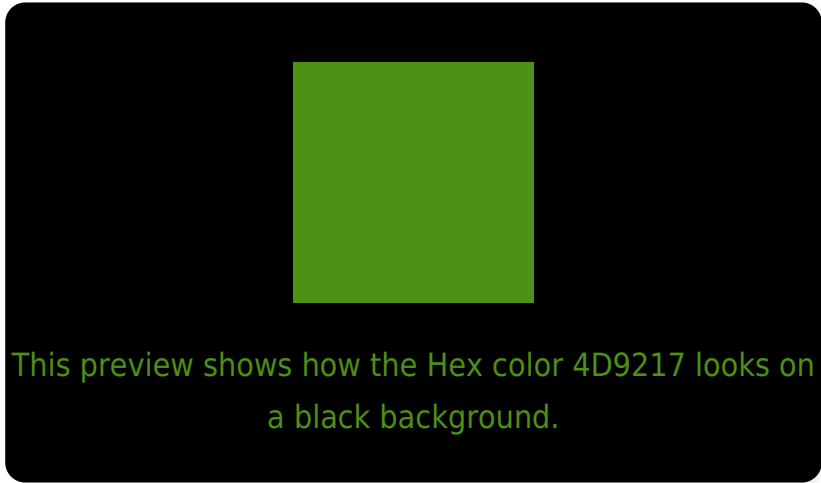
Large Text (above 18pt) WCAG AA ✓ Pass

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

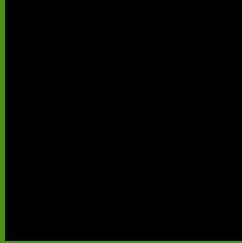
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4D9217 Background



This preview shows how black text looks on a background with the Hex color 4D9217.



This preview shows how white text looks on a background with the Hex color 4D9217.

# 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



**Original Color**  
4D9217

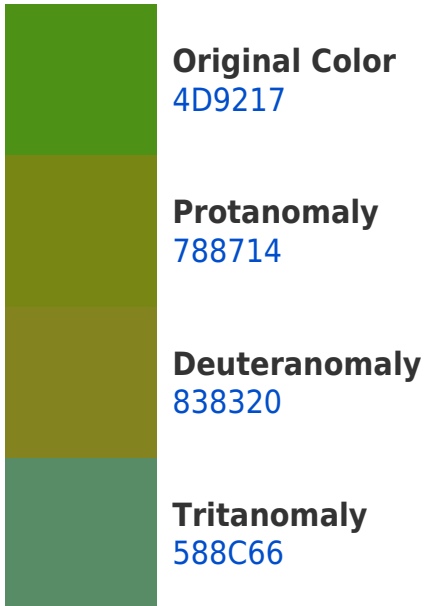
**Protanopia**  
918112

**Deuteranopia**  
A27A25

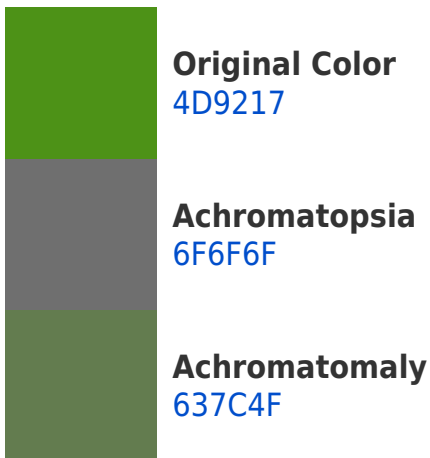


**Tritanopia**  
5F8893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D9217 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 #4D9217 looks like.

```
.text, #text, p{  
    color:#4D9217  
}
```

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 #4D9217 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D9217
}
```

## Border

The CSS property to change the border of an element to Hex 4D9217 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
#4D9217 }
```

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

```
.border{ border-color:#4D9217 }
```

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

Here you see how a box with a 4 pixel #4D9217 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D9217; -webkit-box-shadow:4px 4px  
4px 4px #4D9217; box-shadow:4px 4px 4px  
4px #4D9217 }
```

# Background

The CSS property to change the background color of an element to Hex 4D9217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D9217 }
```

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

```
.background{ background-color:#4D9217 }
```

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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