

# Converting Colors

Hex(4D9414)

Have a look what the booklet for  
Hex(4D9414) contains.

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**Color**

**Hex(4D9414)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D9414
RGB	77, 148, 20
RGB Percent	30%, 58%, 8%
CMY	0.6980, 0.4196, 0.9216
CMYK	0.48, 0.00, 0.86, 0.42
HSL	93°, 76%, 33%
HSV	93°, 86%, 58%
XYZ	13.7767, 22.8081, 4.3381
YIQ	112.1790, -1.2280, -54.8600

# Conversions

## Conversions Part 2

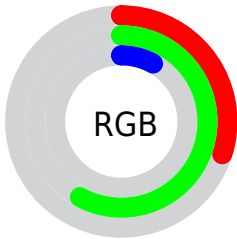
Format	Color
<b>R<sub>YB</sub></b>	20, 148, 91
Decimal	5084180
CIE Lab	54.87, -42.84, 53.89
CIE LCh	55, 68.845, 128.487
Yxy	22.8081, 0.3367, 0.5573
Android (android.graphics.Color)	4283274260 (0xFF4D9414)
YUV	112.1790, -45.4442, -30.8520
Hunter-Lab	47.7578, -32.0841, 28.0448

# Details

The Hex color **4D9414** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5B1494**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **85CB4E**, and **0B6000** is the 20% darker color. If you saturate the color by 10%, you get **459405**, and if you desaturate by 10%, it is **559423**.

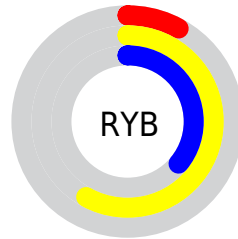
# Distribution



Red (30%)

Green (58%)

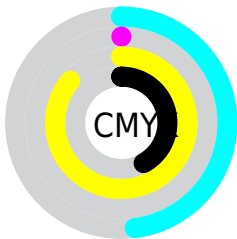
Blue (8%)



Red (8%)

Yellow (58%)

Blue (36%)

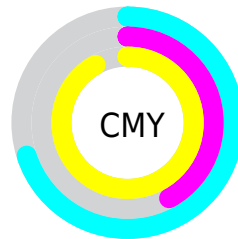


Cyan (48%)

Magenta (0%)

Yellow (86%)

Black (42%)



Cyan (70%)

Magenta (42%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D9414 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 4D9414 by changing the saturation by 10% instead.





4D9414



4D9414

FFFFFF



307A00



85CB4E



0B6000



A1E769



004800



BDF84



003100



DAFF9F



001A00



F8FFBB



000000



FFFFD7



FFFFF4



4D9414



4D9414

■ 459405

■ 559423

■ 429400

■ 5D9432

■ 669440

■ 6E944F

■ 76945E

■ 7E946D

■ 86947C

■ 8F948A

■ 979499

# Harmonies

## Analogous

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



8F8600



4D9414



009B55

# Triad

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



4D9414



0095F3



EC4075

# Complementary

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



4D9414



5B1494

# 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.



D64DB0



4D9414



0085FA

# Square

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



4D9414



009DCC



996BE2



E2543C

# Rectangle

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



4D9414



009E7E



996BE2



E94189



# Sweetspot

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



4D9414



A4BF8E



945A14



506143



E0E0E0



616161



# Same Dimension

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



4D9414



55BF00



14941A



464A43



3D8A00



050A00



# Inverse Universe

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



5B1494



6A00BF



94148E



47434A



4C008A



06000A



# Previews

## White Background



This preview shows how the Hex color 4D9414 looks on a white background.

## Color Contrast Check

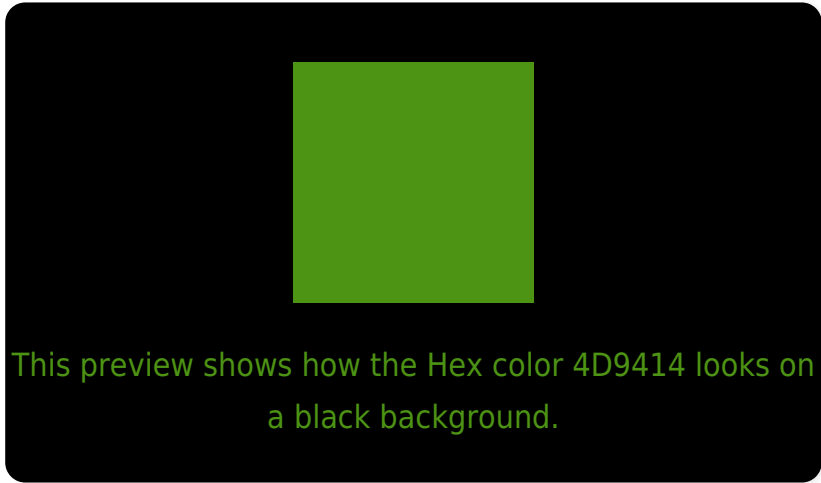
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D9414 Background



This preview shows how black text looks on a background with the Hex color 4D9414.



This preview shows how white text looks on a background with the Hex color 4D9414.

# 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**  
4D9414

**Protanopia**  
93830E

**Deuteranopia**  
A47C23



**Tritanopia**  
608A95

# Trichromacy



**Original Color**  
4D9414

**Protanomaly**  
7A8910

**Deuteranomaly**  
84851E

**Tritanomaly**  
598E66

# Monochromacy



**Original Color**  
4D9414

**Achromatopsia**  
707070

**Achromatomaly**  
637D4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D9414 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 #4D9414 looks like.

```
.text, #text, p{  
    color:#4D9414  
}
```

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 #4D9414 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D9414
}
```

## Border

The CSS property to change the border of an element to Hex 4D9414 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
#4D9414 }
```

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

```
.border{ border-color:#4D9414 }
```

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

Here you see how a box with a 4 pixel #4D9414 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D9414; -webkit-box-shadow:4px 4px  
4px 4px #4D9414; box-shadow:4px 4px 4px  
4px #4D9414 }
```

# Background

The CSS property to change the background color of an element to Hex 4D9414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D9414 }
```

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

```
.background{ background-color:#4D9414 }
```

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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