

Converting Colors

Hex(4D9900)

Have a look what the booklet for
Hex(4D9900) contains.

Hex(4D9900)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4D9900)

Conversions

Conversions Part 1

Format	Color
Hex	4D9900
RGB	77, 153, 0
RGB Percent	30%, 60%, 0%
CMY	0.6980, 0.4000, 1.0000
CMYK	0.50, 0.00, 1.00, 0.40
HSL	90°, 100%, 30%
HSV	90°, 100%, 60%
XYZ	14.4518, 24.3602, 3.9403
YIQ	112.8340, 3.8170, -63.6950

Conversions

Conversions Part 2

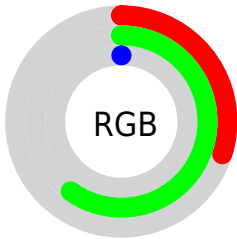
Format	Color
RYB	0, 153, 76
Decimal	5085440
CIELab	56.45, -45.40, 58.75
CIELCh	56, 74.252, 127.694
Yxy	24.3602, 0.3380, 0.5698
Android (android.graphics.Color)	4283275520 (0xFF4D9900)
YUV	112.8340, -55.6272, -31.4264
Hunter-Lab	49.3561, -34.1072, 29.8159

Details

The Hex color **4D9900** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **4C0099**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **86D046**, and **066500** is the 20% darker color. If you saturate the color by 10%, you get **4D9900**, and if you desaturate by 10%, it is **55990F**.

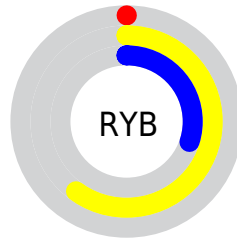
Distribution



Red (30%)

Green (60%)

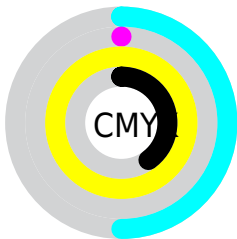
Blue (0%)



Red (0%)

Yellow (60%)

Blue (30%)

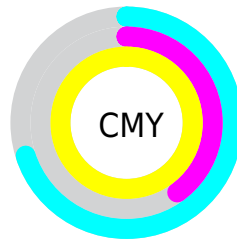


Cyan (50%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (70%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D9900 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 4D9900 by changing the saturation by 10% instead.

 4D9900

 4D9900

FFFFFF

 2F7F00

 86D046

 066500

 A2ED62

 004C00

 BFFF7D

 003500

 DCFF99

 001F00

 FAFFB5

 000000

 FFFFD1

 FFFFEE

 4D9900

 55990F

 5C991F

 64992E

 6B993D

 73994D

 7B995C

 82996B

 8A997A

 91998A

Harmonies

Analogous

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



948A00



4D9900



00A153

Triad

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



4D9900



009BFF



F83A7A

Complementary

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



4D9900



4C0099

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.



E04BBA



4D9900



008AFF

Square

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



4D9900



00A3D5



9C6EEF



ED523B

Rectangle

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



4D9900



00A380



9C6EEF



F43B8F

Sweetspot

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



4D9900



A9C78B



994A00



526340



E3E3E3



636363

Same Dimension

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



4D9900



64C700



039900



494D45



478C00



060D00

Inverse Universe

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



4C0099



6300C7



960099



49454D



46008C



06000D

Previews

White Background



This preview shows how the Hex color 4D9900 looks on a white background.

Color Contrast Check

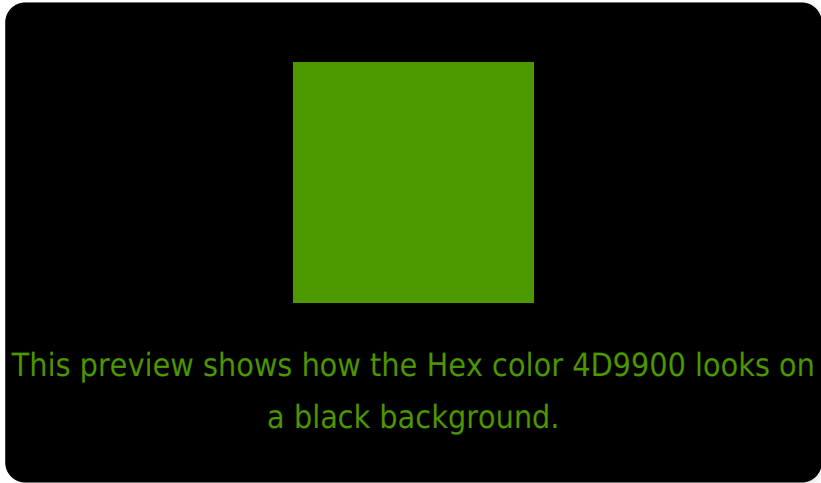
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D9900 Background



This preview shows how black text looks on a background with the Hex color 4D9900.



This preview shows how white text looks on a background with the Hex color 4D9900.

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
4D9900

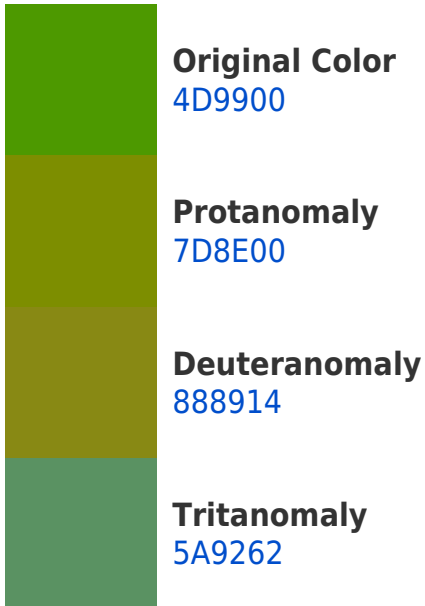
Protanopia
988700

Deuteranopia
A9801F

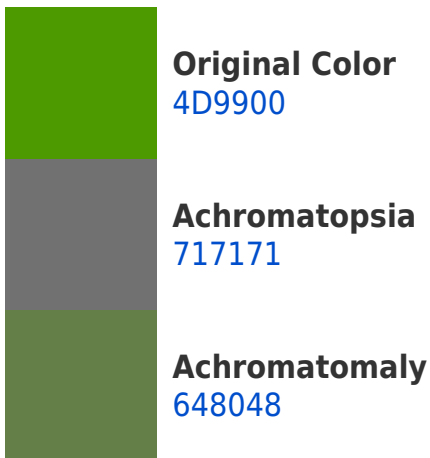


Tritanopia
618E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D9900 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 #4D9900 looks like.

```
.text, #text, p{  
    color:#4D9900  
}
```

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 #4D9900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D9900  
}
```

Border

The CSS property to change the border of an element to Hex 4D9900 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  
#4D9900 }
```

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

```
.border{ border-color:#4D9900 }
```

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

Here you see how a box with a 4 pixel #4D9900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D9900; -webkit-box-shadow:4px 4px  
4px 4px #4D9900; box-shadow:4px 4px 4px  
4px #4D9900 }
```

Background

The CSS property to change the background color of an element to Hex 4D9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D9900 }
```

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

```
.background{ background-color:#4D9900 }
```

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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