

Converting Colors

Hex(4D8500)

Have a look what the booklet for
Hex(4D8500) contains.

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Color

Hex(4D8500)

Conversions

Conversions Part 1

Format	Color
Hex	4D8500
RGB	77, 133, 0
RGB Percent	30%, 52%, 0%
CMY	0.6980, 0.4784, 1.0000
CMYK	0.42, 0.00, 1.00, 0.48
HSL	85°, 100%, 26%
HSV	85°, 100%, 52%
XYZ	11.4481, 18.3528, 2.9391
YIQ	101.0940, 9.3170, -53.2350

Conversions

Conversions Part 2

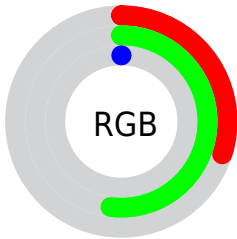
Format	Color
RYB	0, 133, 56
Decimal	5080320
CIELab	49.92, -37.22, 53.66
CIELCh	50, 65.305, 124.743
Yxy	18.3528, 0.3497, 0.5606
Android (android.graphics.Color)	4283270400 (0xFF4D8500)
YUV	101.0940, -49.8393, -21.1304
Hunter-Lab	42.8402, -27.2702, 25.9205

Details

The Hex color **4D8500** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **380085**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **84BB42**, and **145300** is the 20% darker color. If you saturate the color by 10%, you get **4D8500**, and if you desaturate by 10%, it is **53850D**.

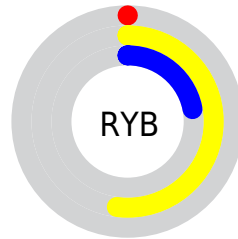
Distribution



Red (30%)

Green (52%)

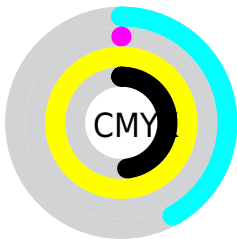
Blue (0%)



Red (0%)

Yellow (52%)

Blue (22%)

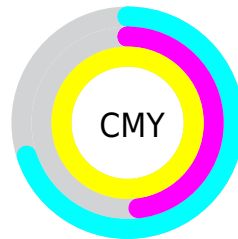


Cyan (42%)

Magenta (0%)

Yellow (100%)

Black (48%)



Cyan (70%)

Magenta (48%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4D8500 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 4D8500 by changing the saturation by 10% instead.

 4D8500

 4D8500

FFFFFF

 316B00

 84BB42

 145300

 9FD75C

 003B00

 BCF377

 002600

 D9FF92

 000000

 F6FFAE

 FFFFCA

 FFFFE7

 4D8500

 53850D

 58851B

 5E8528

 638535

 698543

 6F8550

 74855D

 7A856A

 7F8578

Harmonies

Analogous

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



877700



4D8500



008C44

Triad

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



4D8500



0089DB



D73770

Complementary

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



4D8500



380085

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.



BF47A7



4D8500



007BE6

Square

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



4D8500



008FB5



8164D3



D1473B

Rectangle

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



4D8500



008F6B



8164D3



D33983

Sweetspot

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



4D8500



97AD79



853700



4A5737



D6D6D6



575757

Same Dimension

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



4D8500



64AD00



0B8500



40423C



4B8200



010300

Inverse Universe

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



380085



4900AD



7A0085



3E3C42



370082



010003

Previews

White Background



This preview shows how the Hex color 4D8500 looks on a white background.

Color Contrast Check

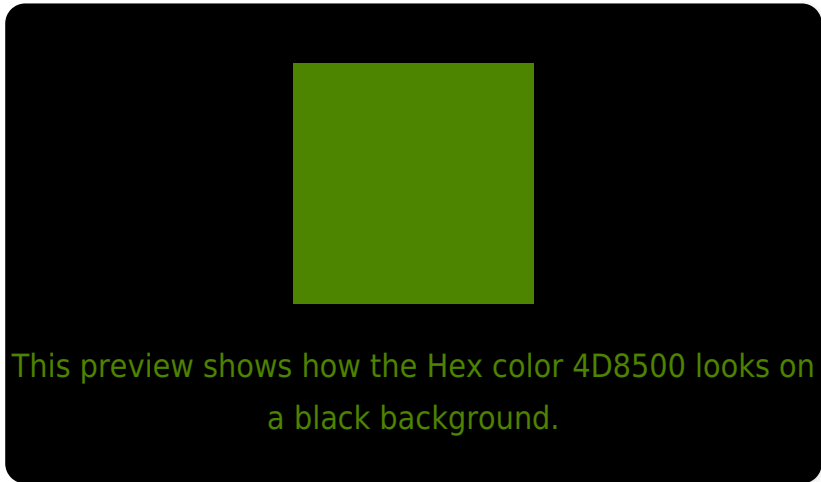
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 4D8500 Background



This preview shows how black text looks on a background with the Hex color 4D8500.



This preview shows how white text looks on a background with the Hex color 4D8500.

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
4D8500

Protanopia
867700

Deuteranopia
95701A



Tritanopia
5C7C86

Trichromacy



Original Color
4D8500

Protanomaly
717C00

Deuteranomaly
7B7811

Tritanomaly
577F55

Monochromacy



Original Color
4D8500

Achromatopsia
656565

Achromatomaly
5C7140

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D8500 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 #4D8500 looks like.

```
.text, #text, p{  
    color:#4D8500  
}
```

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 #4D8500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D8500
}
```

Border

The CSS property to change the border of an element to Hex 4D8500 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".

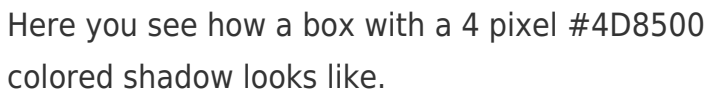
```
.border, #border, table{ border:4px solid
#4D8500 }
```

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

```
.border{ border-color:#4D8500 }
```

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

Here you see how a box with a 4 pixel #4D8500 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D8500; -webkit-box-shadow:4px 4px  
4px 4px #4D8500; box-shadow:4px 4px 4px  
4px #4D8500 }
```

Background

The CSS property to change the background color of an element to Hex 4D8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D8500 }
```

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

```
.background{ background-color:#4D8500 }
```

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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