

# Converting Colors

Hex(4D500C)

Have a look what the booklet for  
Hex(4D500C) contains.

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**Color**

**Hex(4D500C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D500C
RGB	77, 80, 12
RGB Percent	30%, 31%, 5%
CMY	0.6980, 0.6863, 0.9529
CMYK	0.04, 0.00, 0.85, 0.69
HSL	63°, 74%, 18%
HSV	63°, 85%, 31%
XYZ	5.9956, 7.3416, 1.4489
YIQ	71.3510, 20.0400, -21.7840

# Conversions

## Conversions Part 2

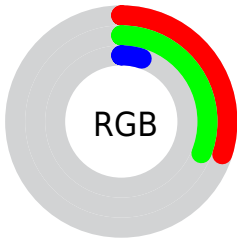
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 80, 15
Decimal	5066764
CIE <sub>Lab</sub>	32.57, -10.33, 36.35
CIE <sub>LCh</sub>	33, 37.790, 105.858
Yxy	7.3416, 0.4055, 0.4965
Android (android.graphics.Color)	4283256844 (0xFF4D500C)
YUV	71.3510, -29.2600, 4.9542
Hunter-Lab	27.0955, -7.9192, 15.7964

# Details

The Hex color **4D500C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **0F0C50**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **80813D**, and **1D2400** is the 20% darker color. If you saturate the color by 10%, you get **4D5004**, and if you desaturate by 10%, it is **4D5014**.

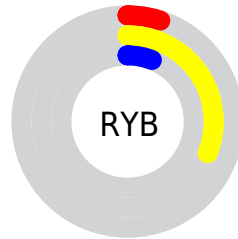
# Distribution



Red (30%)

Green (31%)

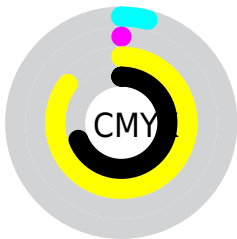
Blue (5%)



Red (5%)

Yellow (31%)

Blue (6%)

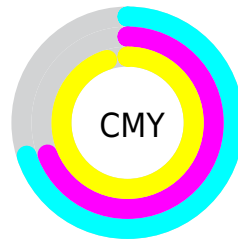


Cyan (4%)

Magenta (0%)

Yellow (85%)

Black (69%)



Cyan (70%)

Magenta (69%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D500C 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 4D500C by changing the saturation by 10% instead.



 4D500C

 4D500C

 FFFFF7

 353900

 80813D

 1D2400

 9B9B55

 001000

 B7B66F

 000000

 D3D188

 F0EEA3

 FFFFBF

 FFFFDB

 4D500C

 4D500C

■ 4D5004

■ 4D5014

■ 4C5000

■ 4E501C

■ 4E5024

■ 4E502C

■ 4F5034

■ 4F503C

■ 4F5044

■ 50504C

■ 505054

# Harmonies

## Analogous

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



68460E



4D500C



2A5721

# Triad

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



4D500C



005977



7B335C

# Complementary

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



4D500C



0F0C50

# 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.



623E76



4D500C



005486

# Square

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



4D500C



005B5C



314A86



83313E

# Rectangle

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



4D500C



005933



314A86



753666



# Sweetspot

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



4D500C



67694D



500E0C



353625



B5B5B5



363636



# Same Dimension

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



4D500C



646900



2C500C



292925



DEE800

# Inverse Universe

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



0F0C50



050069



300C50



252529



0A00E8

# Previews

## White Background



This preview shows how the Hex color 4D500C looks on a white background.

## Color Contrast Check

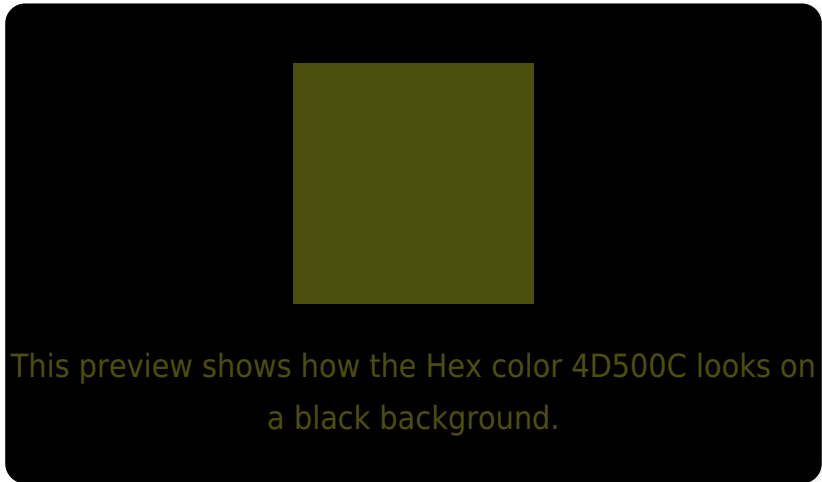
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

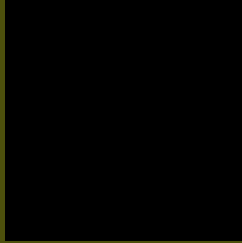
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

## Hex 4D500C Background



This preview shows how black text looks on a background with the Hex color 4D500C.



This preview shows how white text looks on a background with the Hex color 4D500C.

# 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**  
4D500C

**Protanopia**  
564D0B

**Deuteranopia**  
614911





**Tritanopia**  
524A50

# Trichromacy



**Original Color**  
4D500C

**Protanomaly**  
534E0B

**Deuteranomaly**  
5A4C0F

**Tritanomaly**  
504C37

# Monochromacy



**Original Color**  
4D500C

**Achromatopsia**  
474747

**Achromatomaly**  
494A32

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D500C 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 #4D500C looks like.

```
.text, #text, p{  
    color:#4D500C  
}
```

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 #4D500C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D500C
}
```

## Border

The CSS property to change the border of an element to Hex 4D500C 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
#4D500C }
```

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

```
.border{ border-color:#4D500C }
```

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

Here you see how a box with a 4 pixel #4D500C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D500C; -webkit-box-shadow:4px 4px  
4px 4px #4D500C; box-shadow:4px 4px 4px  
4px #4D500C }
```

# Background

The CSS property to change the background color of an element to Hex 4D500C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D500C }
```

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

```
.background{ background-color:#4D500C }
```

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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