

# Converting Colors

Hex(60500C)

Have a look what the booklet for  
Hex(60500C) contains.

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**Color**

**Hex(60500C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	60500C
RGB	96, 80, 12
RGB Percent	38%, 31%, 5%
CMY	0.6235, 0.6863, 0.9529
CMYK	0.00, 0.17, 0.87, 0.62
HSL	49°, 78%, 21%
HSV	49°, 88%, 38%
XYZ	7.7589, 8.2507, 1.5314
YIQ	77.0320, 31.3640, -17.7560

# Conversions

## Conversions Part 2

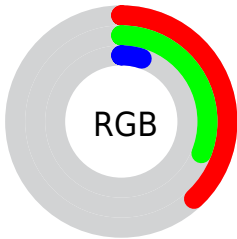
<b>Format</b>	<b>Color</b>
<b>RYB</b>	32, 96, 12
Decimal	6311948
CIELab	34.50, -0.77, 38.79
CIELCh	34, 38.799, 91.140
Yxy	8.2507, 0.4423, 0.4704
Android (android.graphics.Color)	4284502028 (0xFF60500C)
YUV	77.0320, -32.0608, 16.6349
Hunter-Lab	28.7240, -2.0507, 16.9457

# Details

The Hex color **60500C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **0C1C60**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **95813E**, and **2E2400** is the 20% darker color. If you saturate the color by 10%, you get **604E02**, and if you desaturate by 10%, it is **605216**.

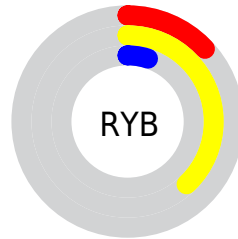
# Distribution



Red (38%)

Green (31%)

Blue (5%)



Red (13%)

Yellow (38%)

Blue (5%)

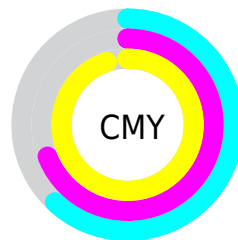


Cyan (0%)

Magenta (17%)

Yellow (87%)

Black (62%)



Cyan (62%)

Magenta (69%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60500C 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 60500C by changing the saturation by 10% instead.



 60500C

 60500C

 FFFFF8

 473900

 95813E

 2E2400

 B19B56

 140F00

 CEB66F

 000000

 EBD189

 FFEDA4

 FFFFC0

 FFFFDC

 60500C

 60500C

■ 604E02

■ 605216

■ 604E00

■ 60541F

■ 605529

■ 605732

■ 60593C

■ 605B46

■ 605D4F

■ 605F59

■ 606062

# Harmonies

## Analogous

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



78441A



60500C



415918

# Triad

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



60500C



005F70



773B6F

# Complementary

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



60500C



0C1C60

# 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.



534886



60500C



005C87

# Square

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



60500C



006051



00548F



883451

# Rectangle

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



60500C



255C28



00548F



6E3F78



# Sweetspot

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



60500C



7D775C



600C1D



403C2C



BFBFBF



404040



# Same Dimension

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



60500C



7D6500



47600C



30302C



705B00



F0C200



# Inverse Universe

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



0C1C60



00187D



250C60



2C2D30



001570

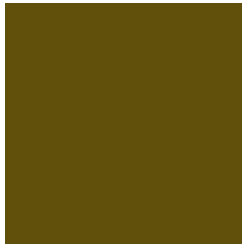


002EF0



# Previews

## White Background



This preview shows how the Hex color 60500C looks on a white background.

## Color Contrast Check

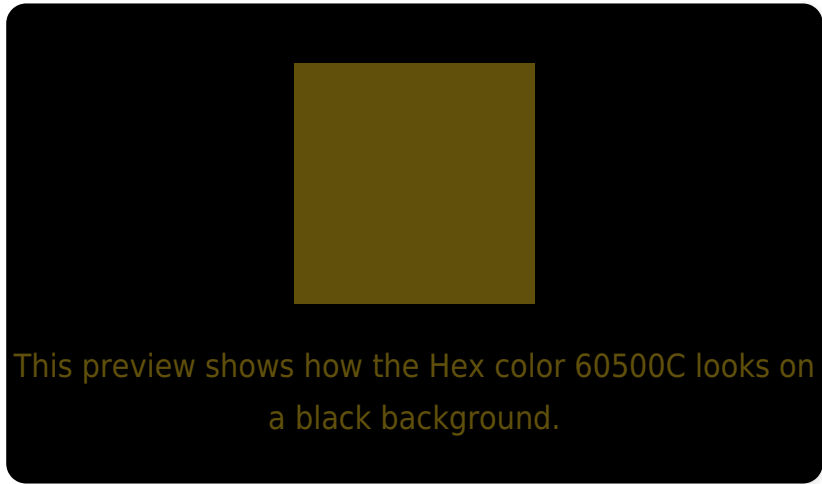
Large Text (above 18pt) WCAG AA ✓ Pass

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

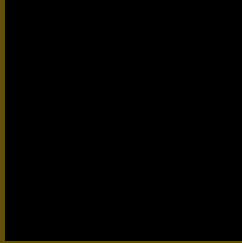
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 60500C Background



This preview shows how black text looks on a background with the Hex color 60500C.



This preview shows how white text looks on a background with the Hex color 60500C.

# 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**  
60500C

**Protanopia**  
5C520C

**Deuteranopia**  
674D0E



**Tritanopia**  
644A50

# Trichromacy



**Original Color**  
60500C

**Protanomaly**  
5D510C

**Deuteranomaly**  
644E0D

**Tritanomaly**  
634C37

# Monochromacy



**Original Color**  
60500C

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
544E35

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60500C 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 #60500C looks like.

```
.text, #text, p{  
    color:#60500C  
}
```

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 #60500C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60500C
}
```

## Border

The CSS property to change the border of an element to Hex 60500C 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
#60500C }
```

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

```
.border{ border-color:#60500C }
```

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

Here you see how a box with a 4 pixel #60500C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60500C; -webkit-box-shadow:4px 4px  
4px 4px #60500C; box-shadow:4px 4px 4px  
4px #60500C }
```

# Background

The CSS property to change the background color of an element to Hex 60500C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60500C }
```

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

```
.background{ background-color:#60500C }
```

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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