

# Converting Colors

Hex(6A560A)

Have a look what the booklet for  
Hex(6A560A) contains.

<b>Hex(6A560A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(6A560A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A560A
RGB	106, 86, 10
RGB Percent	42%, 34%, 4%
CMY	0.5843, 0.6627, 0.9608
CMYK	0.00, 0.19, 0.91, 0.58
HSL	48°, 83%, 23%
HSV	48°, 91%, 42%
XYZ	9.3264, 9.7417, 1.6759
YIQ	83.3160, 36.3160, -19.3960

# Conversions

## Conversions Part 2

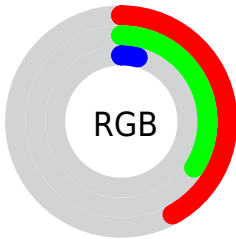
Format	Color
R <sub>Y</sub> B	35, 106, 10
Decimal	6968842
CIE Lab	37.37, 0.56, 42.28
CIE LCh	37, 42.279, 89.247
Yxy	9.7417, 0.4496, 0.4696
Android (android.graphics.Color)	4285158922 (0xFF6A560A)
YUV	83.3160, -36.1448, 19.8939
Hunter-Lab	31.2116, -1.2823, 18.6645

# Details

The Hex color **6A560A** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0A1E6A**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **A1873E**, and **372900** is the 20% darker color. If you saturate the color by 10%, you get **6A5400**, and if you desaturate by 10%, it is **6A5815**.

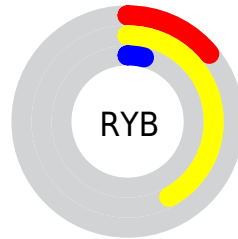
# Distribution



Red (42%)

Green (34%)

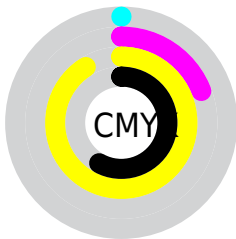
Blue (4%)



Red (14%)

Yellow (42%)

Blue (4%)

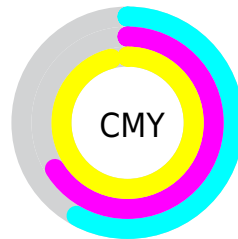


Cyan (0%)

Magenta (19%)

Yellow (91%)

Black (58%)



Cyan (58%)

Magenta (66%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A560A 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 6A560A by changing the saturation by 10% instead.



 6A560A

 6A560A

 FFFFFFFA

 503F00

 A1873E

 372900

 BDA257

 1E1500

 DABC70

 000000

 F7D88A

 FFF5A5

 FFFFC1

 FFFFDD

 6A560A

 6A560A

■ 6A5400

■ 6A5815

■ 6A5A1F

■ 6A5D2A

■ 6A5F34

■ 6A613F

■ 6A634A

■ 6A6554

■ 6A685F

■ 6A6A69

# Harmonies

## Analogous

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



84491C



6A560A



486016

# Triad

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



6A560A



006878



80407B

# Complementary

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



6A560A



0A1E6A

# 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.



564F94



6A560A



006492

# Square

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



6A560A



006856



005C9C



94375A

# Rectangle

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



6A560A



2A6429



005C9C



754585



# Sweetspot

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



6A560A



8A8265



6A0A1F



45402F



C4C4C4



454545



# Same Dimension

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



6A560A



8A6D00



4F6A0A



363430



755D00



F5C200



# Inverse Universe

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



0A1E6A



001D8A



250A6A



303136



001875

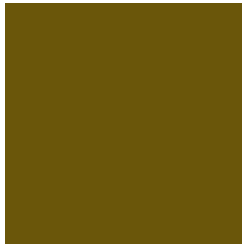


0033F5



# Previews

## White Background



This preview shows how the Hex color 6A560A looks on a white background.

## Color Contrast Check

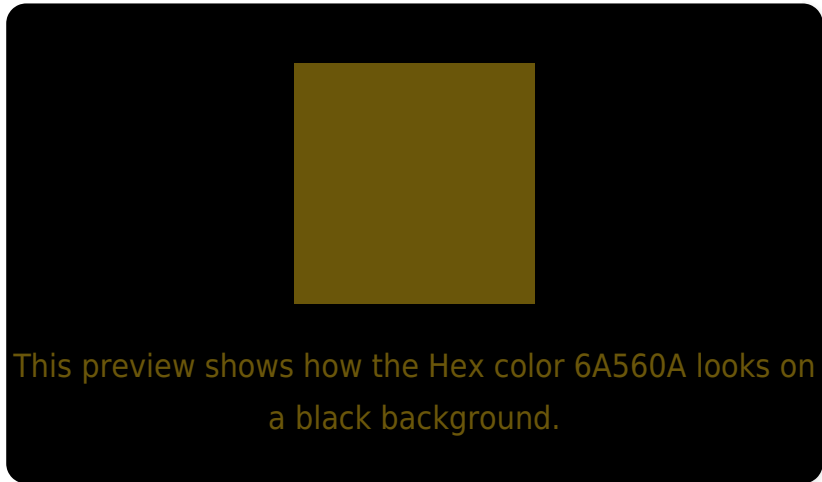
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A560A Background



This preview shows how black text looks on a background with the Hex color 6A560A.



This preview shows how white text looks on a background with the Hex color 6A560A.

# 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**  
6A560A

**Protanopia**  
63580B

**Deuteranopia**  
6F540C



**Tritanopia**  
6E5056

# Trichromacy



**Original Color**  
6A560A

**Protanomaly**  
66570B

**Deuteranomaly**  
6D550B

**Tritanomaly**  
6D523A

# Monochromacy



**Original Color**  
6A560A

**Achromatopsia**  
535353

**Achromatomaly**  
5B5438

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A560A 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 #6A560A looks like.

```
.text, #text, p{  
    color:#6A560A  
}
```

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 #6A560A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A560A
}
```

## Border

The CSS property to change the border of an element to Hex 6A560A is called "border". The border property can be set on classes, ids or directly on the HTML element.

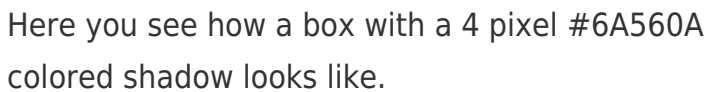
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A560A }
```

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

```
.border{ border-color:#6A560A }
```

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



Here you see how a box with a 4 pixel #6A560A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A560A; -webkit-box-shadow:4px 4px  
4px 4px #6A560A; box-shadow:4px 4px 4px  
4px #6A560A }
```

# Background

The CSS property to change the background color of an element to Hex 6A560A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A560A }
```

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

```
.background{ background-color:#6A560A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor