

# Converting Colors

Hex(564C06)

Have a look what the booklet for  
Hex(564C06) contains.

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**Color**

**Hex(564C06)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	564C06
RGB	86, 76, 6
RGB Percent	34%, 30%, 2%
CMY	0.6627, 0.7020, 0.9765
CMYK	0.00, 0.12, 0.93, 0.66
HSL	53°, 87%, 18%
HSV	53°, 93%, 34%
XYZ	6.4551, 7.1605, 1.2142
YIQ	71.0100, 28.4300, -19.6500

# Conversions

## Conversions Part 2

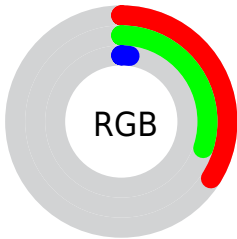
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	17, 86, 6
Decimal	5655558
CIE Lab	32.17, -3.63, 38.37
CIE LCh	32, 38.540, 95.404
Yxy	7.1605, 0.4353, 0.4828
Android (android.graphics.Color)	4283845638 (0xFF564C06)
YUV	71.0100, -32.0499, 13.1462
Hunter-Lab	26.7590, -3.7689, 16.0411

# Details

The Hex color **564C06** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **061056**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **8B7D39**, and **252000** is the 20% darker color. If you saturate the color by 10%, you get **564B00**, and if you desaturate by 10%, it is **564D0F**.

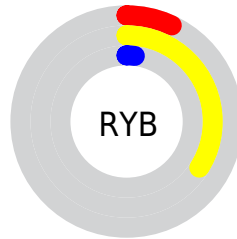
# Distribution



 Red (34%)

 Green (30%)

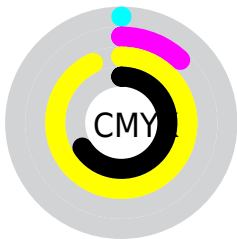
 Blue (2%)



 Red (7%)

 Yellow (34%)

 Blue (2%)

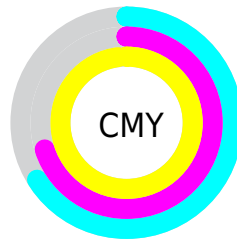


 Cyan (0%)

 Magenta (12%)

 Yellow (93%)

 Black (66%)



 Cyan (66%)

 Magenta (70%)

 Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 564C06 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 564C06 by changing the saturation by 10% instead.



 564C06

 564C06

 FFFFF2

 3E3500

 8B7D39

 252000

 A69651

 030A00

 C2B16A

 000000

 DFCC84

 FCE89E

 FFFFBA

 FFFF66

 564C06

 564C06

■ 564B00

■ 564D0F

■ 564E17

■ 564F20

■ 565028

■ 565131

■ 56523A

■ 565442

■ 56554B

■ 565653

# Harmonies

## Analogous

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



6F4112



564C06



365416

# Triad

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



564C06



00596E



743465

# Complementary

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



564C06



061056

# 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.



54417D



564C06



005583

# Square

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



564C06



005A50



034D88



822E47

# Rectangle

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



564C06



175727



034D88



6C386E



# Sweetspot

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



564C06



706C51



560611



383625



B8B8B8



383838



# Same Dimension

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



564C06



706200



395606



2B2B27



6B5E00



EBCD00



# Inverse Universe

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



061056



000E70



230656



27282B



000D6B

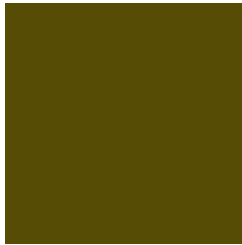


001DEB



# Previews

## White Background



This preview shows how the Hex color 564C06 looks on a white background.

## Color Contrast Check

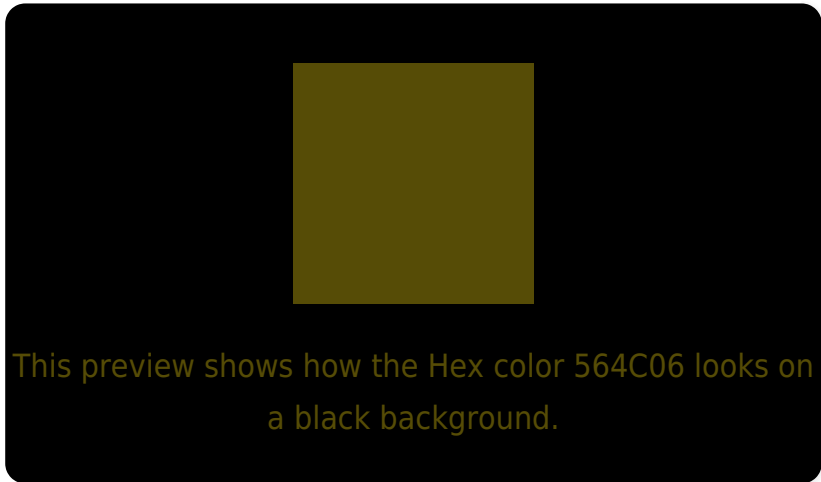
Large Text (above 18pt) WCAG AA ✓ Pass

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

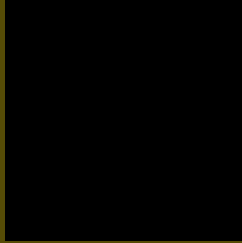
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 564C06 Background



This preview shows how black text looks on a background with the Hex color 564C06.



This preview shows how white text looks on a background with the Hex color 564C06.

# 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](#).

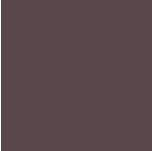
## Dichromacy



**Original Color**  
564C06

**Protanopia**  
564C06

**Deuteranopia**  
60480B



**Tritanopia**  
5A474C

# Trichromacy



**Original Color**  
564C06

**Protanomaly**  
564C06

**Deuteranomaly**  
5C4909

**Tritanomaly**  
594933

# Monochromacy



**Original Color**  
564C06

**Achromatopsia**  
474747

**Achromatomaly**  
4C492F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 564C06 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 #564C06 looks like.

```
.text, #text, p{  
    color:#564C06  
}
```

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 #564C06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564C06
}
```

## Border

The CSS property to change the border of an element to Hex 564C06 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
#564C06 }
```

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

```
.border{ border-color:#564C06 }
```

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

Here you see how a box with a 4 pixel #564C06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564C06; -webkit-box-shadow:4px 4px  
4px 4px #564C06; box-shadow:4px 4px 4px  
4px #564C06 }
```

# Background

The CSS property to change the background color of an element to Hex 564C06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564C06 }
```

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

```
.background{ background-color:#564C06 }
```

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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