

# Converting Colors

Hex(564311)

Have a look what the booklet for  
Hex(564311) contains.

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**Color**

**Hex(564311)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	564311
RGB	86, 67, 17
RGB Percent	34%, 26%, 7%
CMY	0.6627, 0.7373, 0.9333
CMYK	0.00, 0.22, 0.80, 0.66
HSL	43°, 67%, 20%
HSV	43°, 80%, 34%
XYZ	5.9461, 6.0332, 1.3814
YIQ	66.9810, 27.3740, -11.5220

# Conversions

## Conversions Part 2

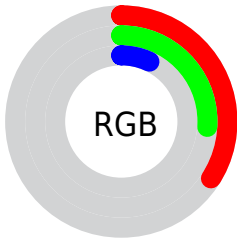
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 86, 17
Decimal	5653265
CIELab	29.50, 2.38, 31.79
CIELCh	29, 31.884, 85.712
Yxy	6.0332, 0.4450, 0.4516
Android (android.graphics.Color)	4283843345 (0xFF564311)
YUV	66.9810, -24.6406, 16.6797
Hunter-Lab	24.5626, 0.2265, 13.8592

# Details

The Hex color **564311** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **112456**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **8A733F**, and **251900** is the 20% darker color. If you saturate the color by 10%, you get **564108**, and if you desaturate by 10%, it is **56451A**.

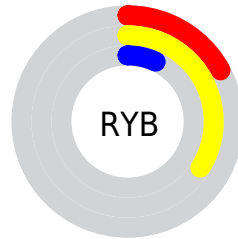
# Distribution



Red (34%)

Green (26%)

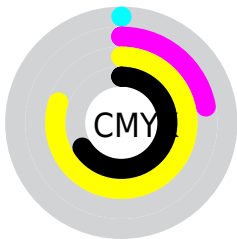
Blue (7%)



Red (17%)

Yellow (34%)

Blue (7%)

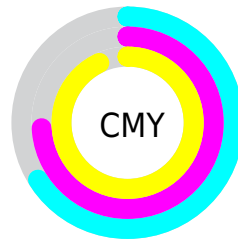


Cyan (0%)

Magenta (22%)

Yellow (80%)

Black (66%)



Cyan (66%)

Magenta (74%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 564311 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 564311 by changing the saturation by 10% instead.



 564311

 564311

 FFFFF8

 3E2D00

 8A733F

 251900

 A68C57

 010000

 C2A670

 000000

 DEC28A

 FBDDA4

 FFFAC0

 FFFFDC

 564311

 564311

■ 564108

■ 56451A

■ 563E00

■ 564822

■ 564A2B

■ 564C33

■ 564F3C

■ 565145

■ 56544D

■ 565656

■ 56585E

# Harmonies

## Analogous

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



683A1D



564311



3E4A16

# Triad

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



564311



00515A



603662

# Complementary

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



564311



112456

# 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.



404072



564311



004F6E

# Square

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



564311



005141



004977



702F4A

# Rectangle

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



564311



2A4E21



004977



583A68



# Sweetspot

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



564311



706955



561125



383428



B8B8B8



383838



# Same Dimension

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



564311



705304



475611



2B2A27



6B4E00



EBAA00



# Inverse Universe

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



112456



042270



201156



27282B



001D6B

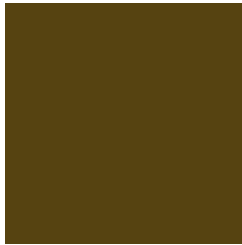


0041EB



# Previews

## White Background



This preview shows how the Hex color 564311 looks on a white background.

## Color Contrast Check

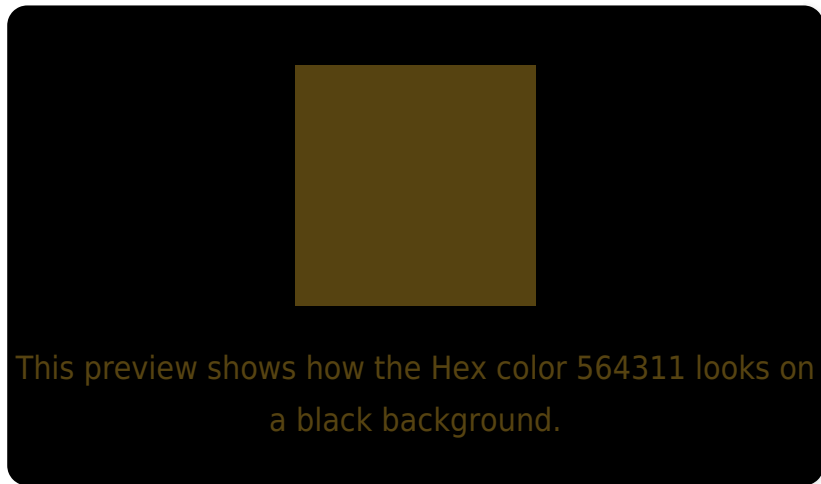
Large Text (above 18pt) WCAG AA ✓ Pass

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

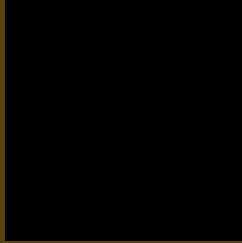
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 564311 Background



This preview shows how black text looks on a background with the Hex color 564311.



This preview shows how white text looks on a background with the Hex color 564311.

# 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](#).

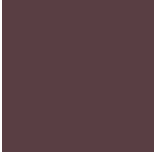
## Dichromacy



**Original Color**  
564311

**Protanopia**  
4E4612

**Deuteranopia**  
584211



**Tritanopia**  
593E43

# Trichromacy



**Original Color**  
564311

**Protanomaly**  
514512

**Deuteranomaly**  
574211

**Tritanomaly**  
584031

# Monochromacy



**Original Color**  
564311

**Achromatopsia**  
434343

**Achromatomaly**  
4A4331

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 564311 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 #564311 looks like.

```
.text, #text, p{  
    color:#564311  
}
```

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 #564311 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564311
}
```

## Border

The CSS property to change the border of an element to Hex 564311 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
#564311 }
```

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

```
.border{ border-color:#564311 }
```

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

Here you see how a box with a 4 pixel #564311 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564311; -webkit-box-shadow:4px 4px  
4px 4px #564311; box-shadow:4px 4px 4px  
4px #564311 }
```

# Background

The CSS property to change the background color of an element to Hex 564311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564311 }
```

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

```
.background{ background-color:#564311 }
```

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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