

# Converting Colors

Hex(564F0A)

Have a look what the booklet for  
Hex(564F0A) contains.

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**Color**

**Hex(564F0A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	564F0A
RGB	86, 79, 10
RGB Percent	34%, 31%, 4%
CMY	0.6627, 0.6902, 0.9608
CMYK	0.00, 0.08, 0.88, 0.66
HSL	54°, 79%, 19%
HSV	54°, 88%, 34%
XYZ	6.6885, 7.5923, 1.4001
YIQ	73.2270, 26.3210, -19.9750

# Conversions

## Conversions Part 2

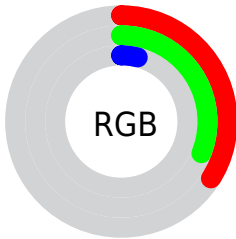
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 86, 10
Decimal	5656330
CIELab	33.12, -5.29, 37.83
CIElCh	33, 38.201, 97.964
Yxy	7.5923, 0.4265, 0.4842
Android (android.graphics.Color)	4283846410 (0xFF564F0A)
YUV	73.2270, -31.1709, 11.2019
Hunter-Lab	27.5542, -4.8905, 16.2752

# Details

The Hex color **564F0A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **0A1156**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **8A803C**, and **252300** is the 20% darker color. If you saturate the color by 10%, you get **564E01**, and if you desaturate by 10%, it is **565013**.

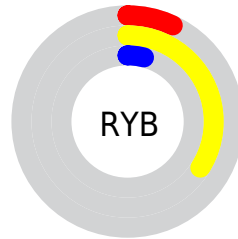
# Distribution



 Red (34%)

 Green (31%)

 Blue (4%)




 Red (7%)

 Yellow (34%)

 Blue (4%)

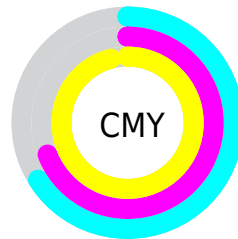



 Cyan (0%)


 Magenta (8%)

 Yellow (88%)

 Black (66%)



 Cyan (66%)

 Magenta (69%)

 Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 564F0A 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 564F0A by changing the saturation by 10% instead.



 564F0A

 564F0A

 FFFFF6

 3E3800

 8A803C

 252300

 A69A54

 040E00

 C2B46D

 000000

 DED087

 FBECA2

 FFFFBD

 FFFF99

 564F0A

 564F0A

■ 564E01

■ 565013

■ 564E00

■ 56511B

■ 565124

■ 56522C

■ 565335

■ 56543E

■ 565546

■ 56554F

■ 565657

# Harmonies

## Analogous

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



6F4413



564F0A



36571B

# Triad

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



564F0A



005B72



783665

# Complementary

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



564F0A



0A1156

# 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.



5A427E



564F0A



005786

# Square

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



564F0A



005C55



1A4F8A



843147

# Rectangle

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



564F0A



155A2C



1A4F8A



703A6E



# Sweetspot

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



564F0A



706D52



560A12



383626



B8B8B8



383838



# Same Dimension

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



564F0A



706600



38560A



2B2B27



6B6100



EBD500



# Inverse Universe

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



0A1156



000A70



280A56



27272B



000A6B

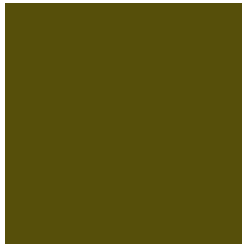


0016EB



# Previews

## White Background



This preview shows how the Hex color 564F0A 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

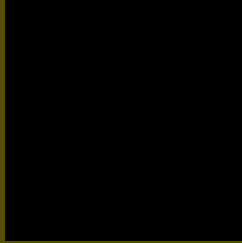
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 564F0A Background



This preview shows how black text looks on a background with the Hex color 564F0A.



This preview shows how white text looks on a background with the Hex color 564F0A.

# 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](#).

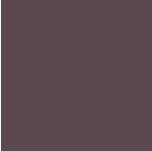
## Dichromacy



**Original Color**  
564F0A

**Protanopia**  
584E0A

**Deuteranopia**  
624A0E



**Tritanopia**  
5B494F

# Trichromacy



**Original Color**  
564F0A

**Protanomaly**  
574E0A

**Deuteranomaly**  
5E4C0D

**Tritanomaly**  
594B36

# Monochromacy



**Original Color**  
564F0A

**Achromatopsia**  
494949

**Achromatomaly**  
4E4B32

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 564F0A 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 #564F0A looks like.

```
.text, #text, p{  
    color:#564F0A  
}
```

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 #564F0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564F0A
}
```

## Border

The CSS property to change the border of an element to Hex 564F0A 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
#564F0A }
```

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

```
.border{ border-color:#564F0A }
```

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

Here you see how a box with a 4 pixel #564F0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564F0A; -webkit-box-shadow:4px 4px  
4px 4px #564F0A; box-shadow:4px 4px 4px  
4px #564F0A }
```

# Background

The CSS property to change the background color of an element to Hex 564F0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564F0A }
```

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

```
.background{ background-color:#564F0A }
```

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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