

# Converting Colors

Hex(564C2E)

Have a look what the booklet for  
Hex(564C2E) contains.

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# Color

Hex(564C2E)

# Conversions

## Conversions Part 1

Format	Color
Hex	564C2E
RGB	86, 76, 46
RGB Percent	34%, 30%, 18%
CMY	0.6627, 0.7020, 0.8196
CMYK	0.00, 0.12, 0.47, 0.66
HSL	45°, 30%, 26%
HSV	45°, 47%, 34%
XYZ	6.9153, 7.3446, 3.6379
YIQ	75.5700, 15.5900, -7.2100

# Conversions

## Conversions Part 2

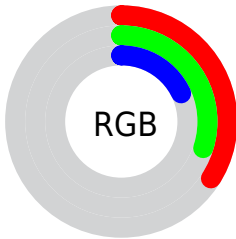
Format	Color
R <sub>Y</sub> B	59, 86, 46
Decimal	5655598
CIE Lab	32.58, -0.66, 19.34
CIE LCh	33, 19.352, 91.944
Yxy	7.3446, 0.3864, 0.4104
Android (android.graphics.Color)	4283845678 (0xFF564C2E)
YUV	75.5700, -14.5780, 9.1471
Hunter-Lab	27.1009, -1.8786, 11.0117




# Details

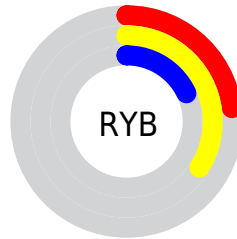
The Hex color **564C2E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2E3856**, and the grayscale version is **4C4C4C**.




A 20% lighter version of the original color is **897D5C**, and **282000** is the 20% darker color. If you saturate the color by 10%, you get **564A25**, and if you desaturate by 10%, it is **564E37**.

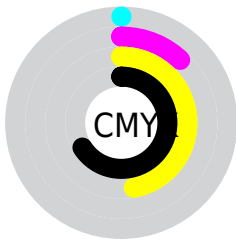
# Distribution







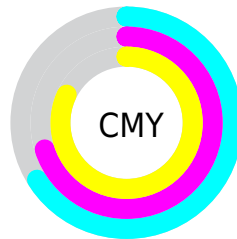
-  Red (34%)
-  Green (30%)
-  Blue (18%)






-  Red (23%)
-  Yellow (34%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (12%)
-  Yellow (47%)
-  Black (66%)



-  Cyan (66%)
-  Magenta (70%)
-  Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 564C2E 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 564C2E by changing the saturation by 10% instead.



 564C2E

 564C2E

FFFFFF

 3E3519

 897D5C

 282000

 A39775

 0D0900

 BFB18F

 000000

 DBCDA9

 F7E9C5

 FFFFE1

 FFFFFD

 564C2E

 564C2E

■ 564A25

■ 564E37

■ 56481D

■ 56503F

■ 564614

■ 565248

■ 56430C

■ 565550

■ 564103

■ 565759

■ 564100

■ 565962

■ 565B6A

■ 565D73

■ 565F7B

# Harmonies

## Analogous

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



634732



564C2E



465132

# Triad

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



564C2E



16545C



61435B

# Complementary

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



564C2E



2E3856

# 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.



504866



564C2E



215267

# Square

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



564C2E



21554D



394E6B



6A414C

# Rectangle

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



564C2E



3A5339



394E6B



5C4560



# Sweetspot

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



564C2E



706C60



562E38



38362F



B8B8B8



383838



# Same Dimension

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



564C2E



706031



4C562E



2B2A27



6B5000



EBB000



# Inverse Universe

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



2E3856



314170



382E56



27282B



001B6B



003BEB



# Previews

## White Background



This preview shows how the Hex color 564C2E looks on a white background.

## Color Contrast Check

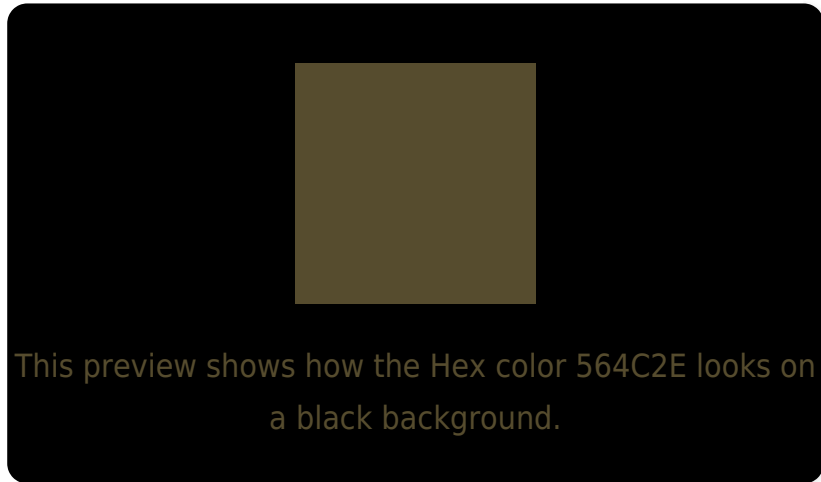
Large Text (above 18pt) WCAG AA ✓ Pass

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

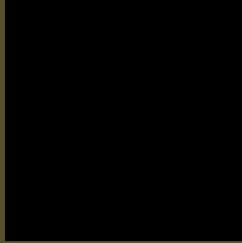
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 564C2E Background



This preview shows how black text looks on a background with the Hex color 564C2E.

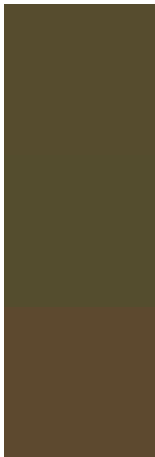


This preview shows how white text looks on a background with the Hex color 564C2E.

# 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**  
564C2E

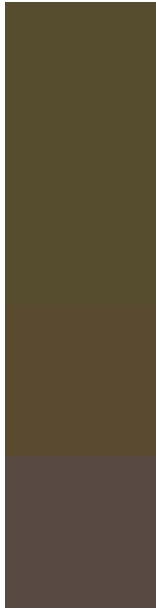
**Protanopia**  
544D2E

**Deuteranopia**  
5D492F



**Tritanopia**  
59484E

# Trichromacy



**Original Color**  
564C2E

**Protanomaly**  
554D2E

**Deuteranomaly**  
5A4A2F

**Tritanomaly**  
584942

# Monochromacy



**Original Color**  
564C2E

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
504C41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 564C2E 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 #564C2E looks like.

```
.text, #text, p{  
    color:#564C2E  
}
```

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 #564C2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564C2E
}
```

## Border

The CSS property to change the border of an element to Hex 564C2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

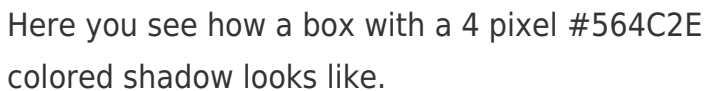
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#564C2E }
```

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

```
.border{ border-color:#564C2E }
```

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



Here you see how a box with a 4 pixel #564C2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564C2E; -webkit-box-shadow:4px 4px  
4px 4px #564C2E; box-shadow:4px 4px 4px  
4px #564C2E }
```

# Background

The CSS property to change the background color of an element to Hex 564C2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564C2E }
```

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

```
.background{ background-color:#564C2E }
```

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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