

Converting Colors

Hex(564C36)

Have a look what the booklet for
Hex(564C36) contains.

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Color

Hex(564C36)

Conversions

Conversions Part 1

Format	Color
Hex	564C36
RGB	86, 76, 54
RGB Percent	34%, 30%, 21%
CMY	0.6627, 0.7020, 0.7882
CMYK	0.00, 0.12, 0.37, 0.66
HSL	41°, 23%, 27%
HSV	41°, 37%, 34%
XYZ	7.0880, 7.4137, 4.5474
YIQ	76.4820, 13.0220, -4.7220

Conversions

Conversions Part 2

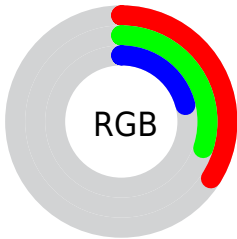
Format	Color
RYB	69, 86, 54
Decimal	5655606
CIELab	32.73, 0.41, 14.63
CIELCh	33, 14.634, 88.385
Yxy	7.4137, 0.3721, 0.3892
Android (android.graphics.Color)	4283845686 (0xFF564C36)
YUV	76.4820, -11.0836, 8.3473
Hunter-Lab	27.2280, -1.1816, 9.1574

Details

The Hex color **564C36** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **364056**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **887D65**, and **28200A** is the 20% darker color. If you saturate the color by 10%, you get **56492D**, and if you desaturate by 10%, it is **564F3F**.

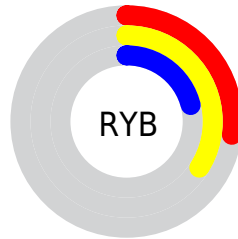
Distribution



Red (34%)

Green (30%)

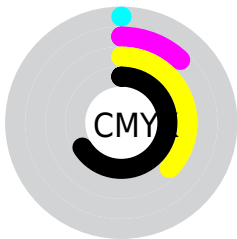
Blue (21%)



Red (27%)

Yellow (34%)

Blue (21%)

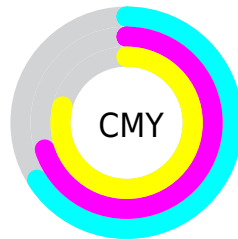


Cyan (0%)

Magenta (12%)

Yellow (37%)

Black (66%)



Cyan (66%)

Magenta (70%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564C36 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 564C36 by changing the saturation by 10% instead.



564C36



564C36

FFFFFF



3E3520



887D65



28200A



A3977E



100900



BEB198



000000



DACDB3



F7E9CE



FFFEEA



564C36



564C36



56492D



564F3F

■ 564725

■ 565147

■ 56441C

■ 565450

■ 564114

■ 565758

■ 563F0B

■ 565961

■ 563C02

■ 565C6A

■ 563B00

■ 565F72

■ 56627B

■ 566483

Harmonies

Analogous

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



5F483A



564C36



4A5038

Triad

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



564C36



2B5358



5B4759

Complementary

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



564C36



364056

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.



4E4A61



564C36



305160

Square

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



564C36



31534C



3E4E64



63454E

Rectangle

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



564C36



41513D



3E4E64



57485C

Sweetspot

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



564C36



706C64



563640



383631



B8B8B8



383838

Same Dimension

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



564C36



70603E



505636



2B2A27



6B4A00



EBA100

Inverse Universe

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



364056



3E4D70



3C3656



27282B



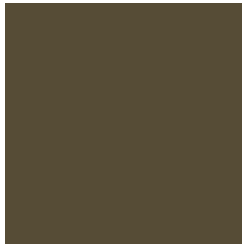
00216B



0049EB

Previews

White Background



This preview shows how the Hex color 564C36 looks on a white background.

Color Contrast Check

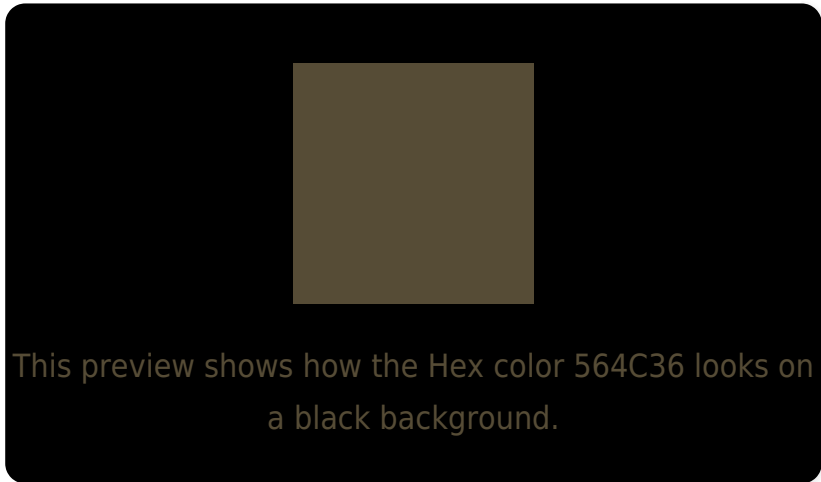
Large Text (above 18pt) WCAG AA ✓ Pass

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

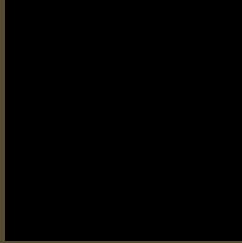
Any Text WCAG AA × Fail

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 564C36 Background



This preview shows how black text looks on a background with the Hex color 564C36.

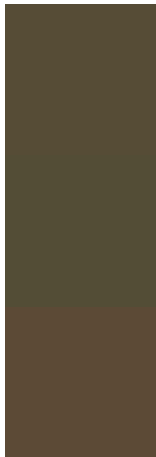


This preview shows how white text looks on a background with the Hex color 564C36.

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
564C36

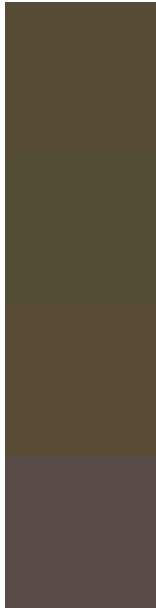
Protanopia
534D36

Deuteranopia
5C4A36



Tritanopia
59494F

Trichromacy



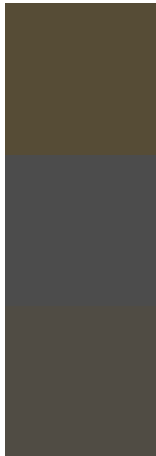
Original Color
564C36

Protanomaly
544D36

Deuteranomaly
5A4B36

Tritanomaly
584A46

Monochromacy



Original Color
564C36

Achromatopsia
4C4C4C

Achromatomaly
504C44

CSS Examples

Text

The CSS property to change the color of the text to Hex 564C36 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 #564C36 looks like.

```
.text, #text, p{  
    color:#564C36  
}
```

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 #564C36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564C36
}
```

Border

The CSS property to change the border of an element to Hex 564C36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

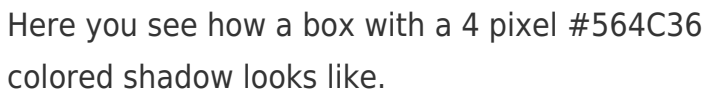
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#564C36 }
```

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

```
.border{ border-color:#564C36 }
```

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



Here you see how a box with a 4 pixel #564C36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564C36; -webkit-box-shadow:4px 4px  
4px 4px #564C36; box-shadow:4px 4px 4px  
4px #564C36 }
```

Background

The CSS property to change the background color of an element to Hex 564C36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564C36 }
```

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

```
.background{ background-color:#564C36 }
```

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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