

Converting Colors

Hex(564737)

Have a look what the booklet for
Hex(564737) contains.

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Color

Hex(564737)

Conversions

Conversions Part 1

Format	Color
Hex	564737
RGB	86, 71, 55
RGB Percent	34%, 28%, 22%
CMY	0.6627, 0.7216, 0.7843
CMYK	0.00, 0.17, 0.36, 0.66
HSL	31°, 22%, 28%
HSV	31°, 36%, 34%
XYZ	6.7806, 6.7607, 4.5620
YIQ	73.6610, 14.0760, -1.7960

Conversions

Conversions Part 2

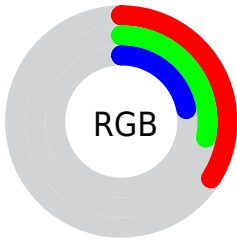
Format	Color
R_{YB}	84, 86, 55
Decimal	5654327
CIE _{Lab}	31.26, 3.68, 12.01
CIE _{LCh}	31, 12.563, 72.963
Yxy	6.7607, 0.3745, 0.3735
Android (android.graphics.Color)	4283844407 (0xFF564737)
YUV	73.6610, -9.1999, 10.8213
Hunter-Lab	26.0014, 1.0462, 7.7984

Details

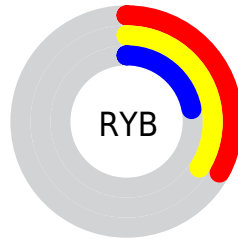
The Hex color **564737** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **374656**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **887766**, and **281C0C** is the 20% darker color. If you saturate the color by 10%, you get **56432E**, and if you desaturate by 10%, it is **564B40**.

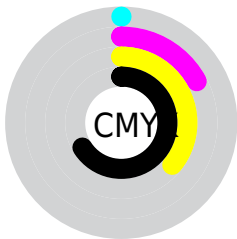
Distribution



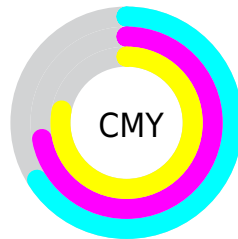
- Red (34%)
- Green (28%)
- Blue (22%)



- Red (33%)
- Yellow (34%)
- Blue (22%)



- Cyan (0%)
- Magenta (17%)
- Yellow (36%)
- Black (66%)



- Cyan (66%)
- Magenta (72%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564737 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 564737 by changing the saturation by 10% instead.

■ 564737

■ 564737

FFFFFF

■ 3E3122

■ 887766

■ 281C0C

■ A3917F

■ 100200

■ BEAB99

■ 000000

■ DAC7B4

■ F7E3CF

■ FFFFEB

■ 564737

■ 564737

■ 56432E

■ 564B40

■ 563F26

■ 564F48

■ 563B1D

■ 565351

■ 563615

■ 565859

■ 56320C

■ 565C62

■ 562E03

■ 56606B

■ 562C00

■ 566473

■ 56687C

■ 566C84

Harmonies

Analogous

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



5C443D



564737



4D4A36

Triad

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



564737



2F4F4E



504658

Complementary

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



564737



374656

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.



44495D



564737



2E4E57

Square

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



564737



374F43



374C5C



5A4350

Rectangle

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



564737



454C39



374C5C



4C475A

Sweetspot

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



564737



706A64



563747



383531



B8B8B8



383838

Same Dimension

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



564737



705940



565637



2B2927



6B3700



EB7900

Inverse Universe

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



374656



405770



373756



27292B



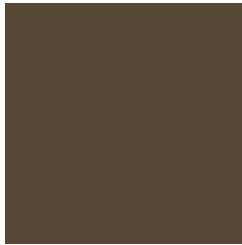
00346B



0072EB

Previews

White Background



This preview shows how the Hex color 564737 looks on a white background.

Color Contrast Check

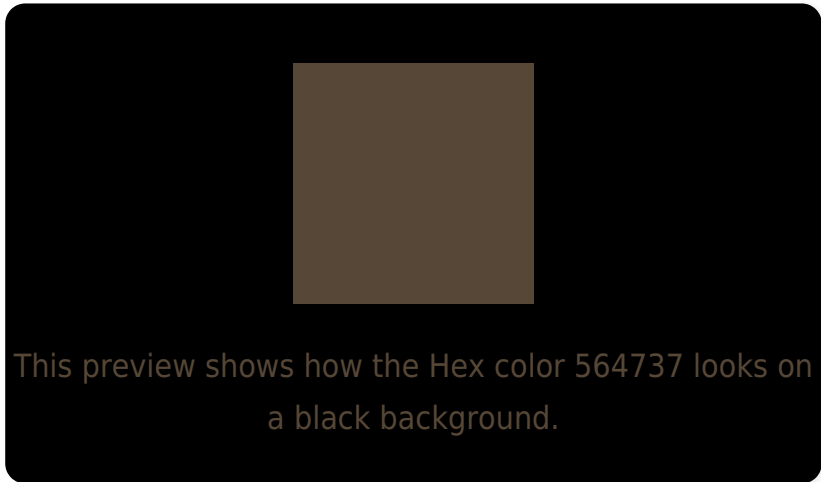
Large Text (above 18pt) WCAG AA ✓ Pass

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

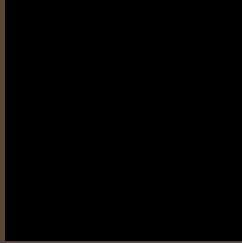
Any Text WCAG AA × Fail

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 564737 Background



This preview shows how black text looks on a background with the Hex color 564737.



This preview shows how white text looks on a background with the Hex color 564737.

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](#).

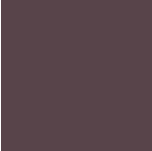
Dichromacy



Original Color
564737

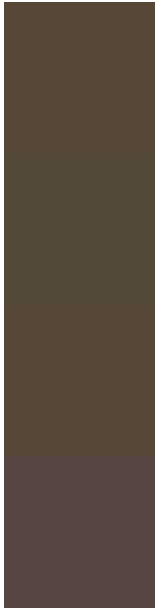
Protanopia
4F4A38

Deuteranopia
574737



Tritanopia
58444A

Trichromacy



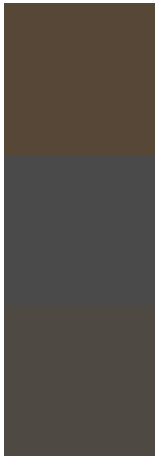
Original Color
564737

Protanomaly
524938

Deuteranomaly
574737

Tritanomaly
574543

Monochromacy



Original Color
564737

Achromatopsia
4A4A4A

Achromatomaly
4E4943

CSS Examples

Text

The CSS property to change the color of the text to Hex 564737 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 #564737 looks like.

```
.text, #text, p{  
    color:#564737  
}
```

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 #564737 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564737
}
```

Border

The CSS property to change the border of an element to Hex 564737 is called "border". The border property can be set on classes, ids or directly on the HTML element.

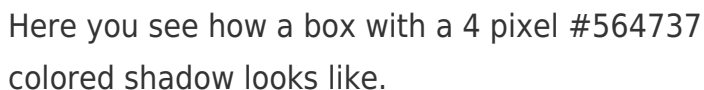
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#564737 }
```

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

```
.border{ border-color:#564737 }
```

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



Here you see how a box with a 4 pixel #564737 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564737; -webkit-box-shadow:4px 4px  
4px 4px #564737; box-shadow:4px 4px 4px  
4px #564737 }
```

Background

The CSS property to change the background color of an element to Hex 564737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564737 }
```

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

```
.background{ background-color:#564737 }
```

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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