

# Converting Colors

Hex(564E4C)

Have a look what the booklet for  
Hex(564E4C) contains.

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# Color

Hex(564E4C)

# Conversions

## Conversions Part 1

Format	Color
Hex	564E4C
RGB	86, 78, 76
RGB Percent	34%, 31%, 30%
CMY	0.6627, 0.6941, 0.7020
CMYK	0.00, 0.09, 0.12, 0.66
HSL	12°, 6%, 32%
HSV	12°, 12%, 34%
XYZ	7.8666, 7.9490, 7.9572
YIQ	80.1640, 5.4100, 1.0740

# Conversions

## Conversions Part 2

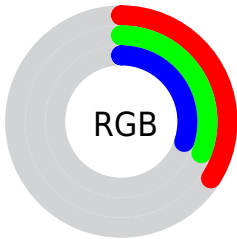
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 79, 76
Decimal	5656140
CIE <sub>Lab</sub>	33.88, 2.91, 2.38
CIE <sub>LCh</sub>	34, 3.760, 39.205
Yxy	7.9490, 0.3309, 0.3344
Android (android.graphics.Color)	4283846220 (0xFF564E4C)
YUV	80.1640, -2.0529, 5.1182
Hunter-Lab	28.1940, 0.4653, 3.0024

# Details

The Hex color **564E4C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4C5456**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **887F7D**, and **292220** is the 20% darker color. If you saturate the color by 10%, you get **564743**, and if you desaturate by 10%, it is **565555**.

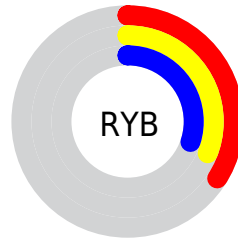
# Distribution



 Red (34%)

 Green (31%)

 Blue (30%)



 Red (34%)

 Yellow (31%)

 Blue (30%)

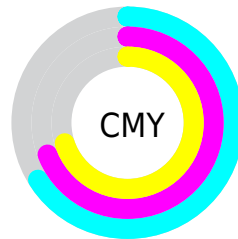


 Cyan (0%)

 Magenta (9%)

 Yellow (12%)

 Black (66%)



 Cyan (66%)

 Magenta (69%)

 Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 564E4C 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 564E4C by changing the saturation by 10% instead.



■ 564E4C

■ 564E4C

FFFFFF

■ 3F3735

■ 887F7D

■ 292220

■ A29997

■ 150C08

■ BDB4B1

■ 000000

■ D9CFCD

■ F5EBE9

■ 564E4C

■ 564E4C

■ 564743

■ 565555

■ 56403B

■ 565C5D

■ 563932

■ 566366

■ 56322A

■ 566A6E

■ 562C21

■ 567077

■ 562518

■ 567780

■ 561E10

■ 567E88

■ 561707

■ 568591

■ 561100

■ 568C99

# Harmonies

## Analogous

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



564E4F



564E4C



544F4A

# Triad

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



564E4C



4B514D



4E5055

# Complementary

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



564E4C



4C5456

# 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.



4B5155



564E4C



495150

# Square

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



564E4C



4E514B



495153



514F54

# Rectangle

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



564E4C



524F4A



495153



4D5056



# Sweetspot

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



564E4C



706E6D



564C54



383636



B8B8B8



383838



# Same Dimension

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



564E4C



706460



56534C



2B2827



6B1500



EB2F00



# Inverse Universe

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



4C5456



606D70



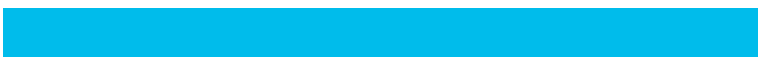
4C4F56



272A2B



00566B

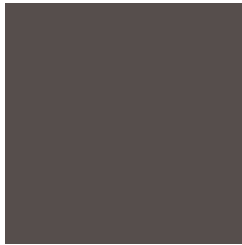


00BCEB



# Previews

## White Background



This preview shows how the Hex color 564E4C looks on a white background.

## Color Contrast Check

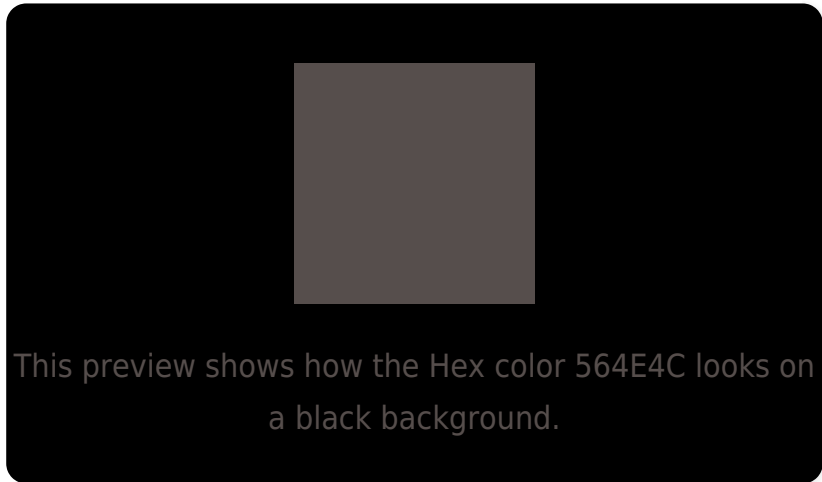
Large Text (above 18pt) WCAG AA ✓ Pass

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

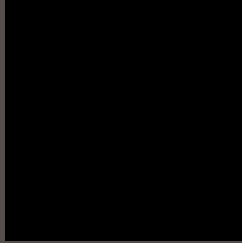
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 564E4C Background



This preview shows how black text looks on a background with the Hex color 564E4C.

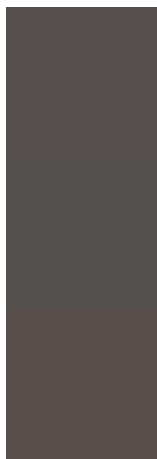


This preview shows how white text looks on a background with the Hex color 564E4C.

# 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**  
564E4C

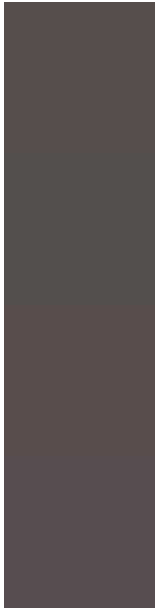
**Protanopia**  
524F4D

**Deuteranopia**  
594D4C



**Tritanopia**  
574D53

# Trichromacy



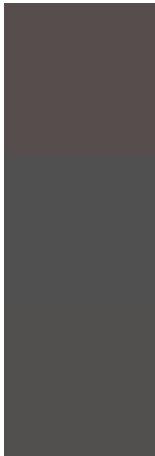
**Original Color**  
564E4C

**Protanomaly**  
534F4D

**Deuteranomaly**  
584D4C

**Tritanomaly**  
574D50

# Monochromacy



**Original Color**  
564E4C

**Achromatopsia**  
505050

**Achromatomaly**  
524F4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 564E4C 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 #564E4C looks like.

```
.text, #text, p{  
    color:#564E4C  
}
```

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 #564E4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564E4C
}
```

## Border

The CSS property to change the border of an element to Hex 564E4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

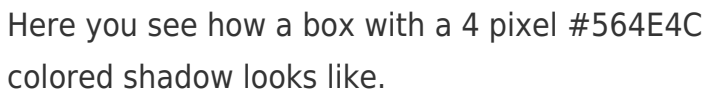
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#564E4C }
```

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

```
.border{ border-color:#564E4C }
```

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



Here you see how a box with a 4 pixel #564E4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564E4C; -webkit-box-shadow:4px 4px  
4px 4px #564E4C; box-shadow:4px 4px 4px  
4px #564E4C }
```

# Background

The CSS property to change the background color of an element to Hex 564E4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564E4C }
```

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

```
.background{ background-color:#564E4C }
```

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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