

# Converting Colors

Hex(564F40)

Have a look what the booklet for  
Hex(564F40) contains.

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# Color

**Hex(564F40)**

# Conversions

## Conversions Part 1

Format	Color
Hex	564F40
RGB	86, 79, 64
RGB Percent	34%, 31%, 25%
CMY	0.6627, 0.6902, 0.7490
CMYK	0.00, 0.08, 0.26, 0.66
HSL	41°, 15%, 29%
HSV	41°, 26%, 34%
XYZ	7.5591, 7.9406, 5.9848
YIQ	79.3830, 8.9870, -3.1810

# Conversions

## Conversions Part 2

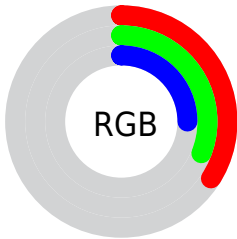
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 86, 64
Decimal	5656384
CIE <sub>Lab</sub>	33.86, 0.11, 9.92
CIE <sub>LCh</sub>	34, 9.921, 89.349
Yxy	7.9406, 0.3518, 0.3696
Android (android.graphics.Color)	4283846464 (0xFF564F40)
YUV	79.3830, -7.5838, 5.8031
Hunter-Lab	28.1790, -1.4298, 7.1331

# Details

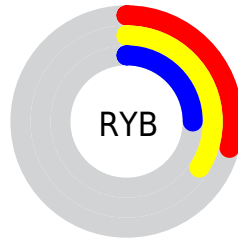
The Hex color **564F40** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **404756**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **888070**, and **282315** is the 20% darker color. If you saturate the color by 10%, you get **564C37**, and if you desaturate by 10%, it is **565249**.

# Distribution



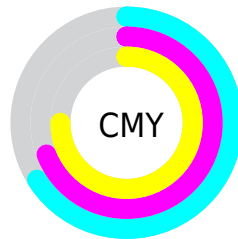
- Red (34%)
- Green (31%)
- Blue (25%)



- Red (29%)
- Yellow (34%)
- Blue (25%)



- Cyan (0%)
- Magenta (8%)
- Yellow (26%)
- Black (66%)



- Cyan (66%)
- Magenta (69%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 564F40 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 564F40 by changing the saturation by 10% instead.



■ 564F40

■ 564F40

FFFFFF

■ 3F382A

■ 888070

■ 282315

■ A29A89

■ 130D00

■ BDB5A3

■ 000000

■ D9D0BF

■ F6EDDA

■ FFFFF7

■ 564F40

■ 564F40

■ 564C37

■ 565249

■ 564A2F

■ 565451

■ 564726

■ 56575A

■ 56441E

■ 565A62

■ 564115

■ 565D6B

■ 563F0C

■ 565F74

■ 563C04

■ 56627C

■ 563B00

■ 566585

■ 56688D

# Harmonies

## Analogous

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



5D4C42



564F40



4D5142

# Triad

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



564F40



3B5457



5A4B58

# Complementary

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



564F40



404756

# 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.



514E5D



564F40



3E535D

# Square

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



564F40



3D544F



47505F



5F4A50

# Rectangle

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



564F40



475345



47505F



574C5A



# Sweetspot

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



564F40



706D67



564047



383632



B8B8B8



383838



# Same Dimension

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



564F40



70654D



525640



2B2A27



6B4900



EBA000



# Inverse Universe

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



404756



4D5870



444056



27282B



00226B

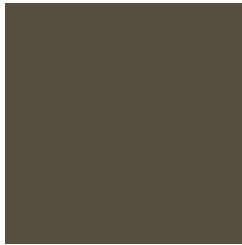


004BEB



# Previews

## White Background



This preview shows how the Hex color 564F40 looks on a white background.

## Color Contrast Check

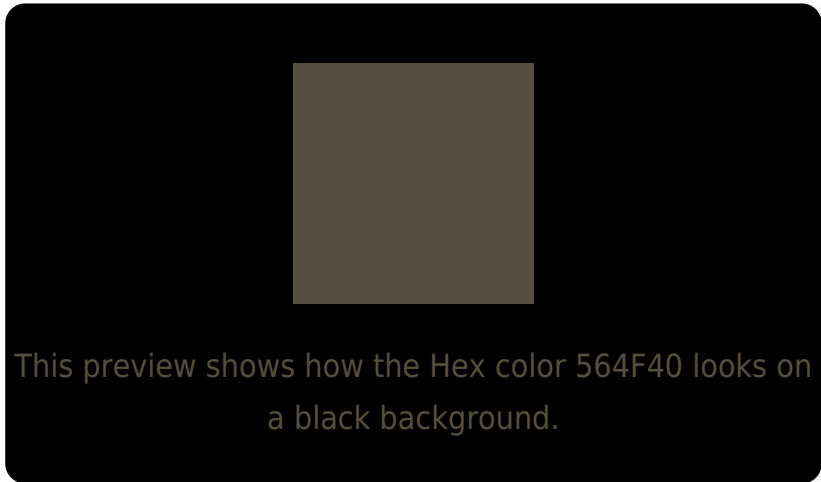
Large Text (above 18pt) WCAG AA ✓ Pass

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

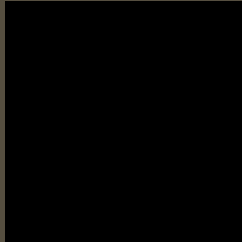
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 564F40 Background



This preview shows how black text looks on a background with the Hex color 564F40.

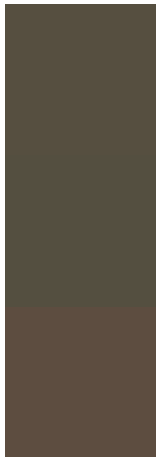


This preview shows how white text looks on a background with the Hex color 564F40.

# 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**  
564F40

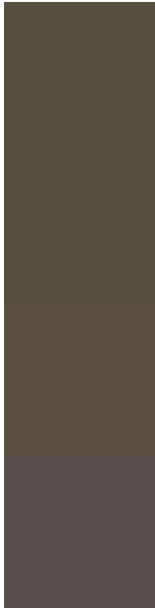
**Protanopia**  
544F40

**Deuteranopia**  
5D4D40



**Tritanopia**  
584C52

# Trichromacy



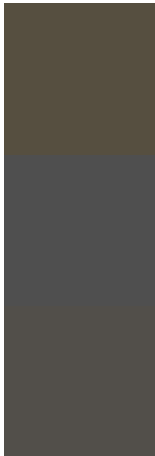
**Original Color**  
564F40

**Protanomaly**  
554F40

**Deuteranomaly**  
5A4E40

**Tritanomaly**  
574D4B

# Monochromacy



**Original Color**  
564F40

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
524F4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 564F40 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 #564F40 looks like.

```
.text, #text, p{  
    color:#564F40  
}
```

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 #564F40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564F40
}
```

## Border

The CSS property to change the border of an element to Hex 564F40 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".

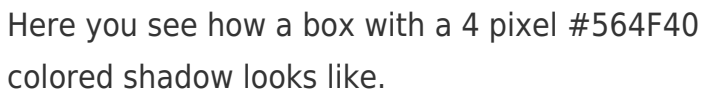
```
.border, #border, table{ border:4px solid
#564F40 }
```

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

```
.border{ border-color:#564F40 }
```

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

Here you see how a box with a 4 pixel #564F40 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564F40; -webkit-box-shadow:4px 4px  
4px 4px #564F40; box-shadow:4px 4px 4px  
4px #564F40 }
```

# Background

The CSS property to change the background color of an element to Hex 564F40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564F40 }
```

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

```
.background{ background-color:#564F40 }
```

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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