

Converting Colors

Hex(564E4D)

Have a look what the booklet for
Hex(564E4D) contains.

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Color

Hex(564E4D)

Conversions

Conversions Part 1

Format	Color
Hex	564E4D
RGB	86, 78, 77
RGB Percent	34%, 31%, 30%
CMY	0.6627, 0.6941, 0.6980
CMYK	0.00, 0.09, 0.10, 0.66
HSL	7°, 6%, 32%
HSV	7°, 10%, 34%
XYZ	7.9017, 7.9630, 8.1417
YIQ	80.2780, 5.0890, 1.3850

Conversions

Conversions Part 2

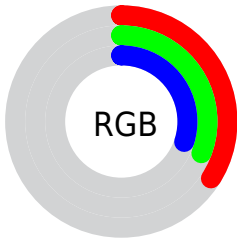
Format	Color
RYB	86, 78, 77
Decimal	5656141
CIELab	33.91, 3.11, 1.79
CIElCh	34, 3.586, 29.860
Yxy	7.9630, 0.3291, 0.3317
Android (android.graphics.Color)	4283846221 (0xFF564E4D)
YUV	80.2780, -1.6161, 5.0182
Hunter-Lab	28.2188, 0.5997, 2.6468

Details

The Hex color **564E4D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4D5556**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **887F7E**, and **292221** is the 20% darker color. If you saturate the color by 10%, you get **564644**, and if you desaturate by 10%, it is **565656**.

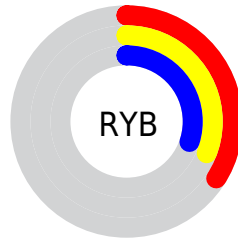
Distribution



 Red (34%)

 Green (31%)

 Blue (30%)



 Red (34%)

 Yellow (31%)

 Blue (30%)

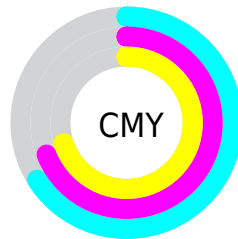


 Cyan (0%)

 Magenta (9%)

 Yellow (10%)

 Black (66%)



 Cyan (66%)

 Magenta (69%)

 Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564E4D 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 564E4D by changing the saturation by 10% instead.

■ 564E4D

■ 564E4D

FFFFFF

■ 3F3736

■ 887F7E

■ 292221

■ A29998

■ 150C0A

■ BDB4B2

■ 000000

■ D9CFCE

■ F5EBEA

■ 564E4D

■ 564E4D

■ 564644

■ 565656

■ 563F3C

■ 565D5E

■ 563733

■ 566567

■ 562F2B

■ 566D6F

■ 562822

■ 567478

■ 562019

■ 567C81

■ 561811

■ 568489

■ 561108

■ 568B92

■ 560A00

■ 56939A

Harmonies

Analogous

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



564E50



564E4D



554F4B

Triad

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



564E4D



4C514D



4D5055

Complementary

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



564E4D



4D5556

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.



4A5155



564E4D



4A5150

Square

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



564E4D



4F504B



495152



504F55

Rectangle

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



564E4D



534F4A



495152



4C5055

Sweetspot

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



564E4D



706D6D



564D55



383636



B8B8B8



383838

Same Dimension

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



564E4D



706362



56524D



2B2727



6B0C00



EB1A00

Inverse Universe

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



4D5556



626F70



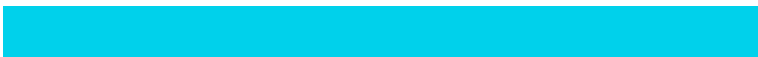
4D5156



272B2B



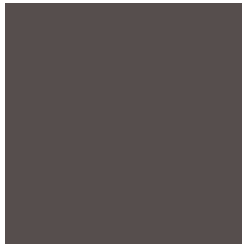
005F6B



00D1EB

Previews

White Background



This preview shows how the Hex color 564E4D looks on a white background.

Color Contrast Check

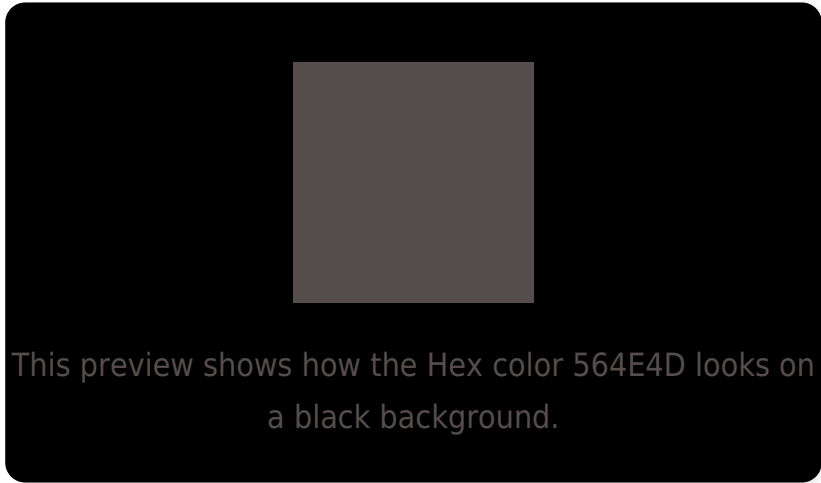
Large Text (above 18pt) WCAG AA ✓ Pass

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

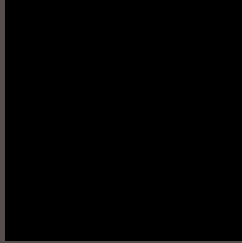
Any Text WCAG AA × Fail

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 564E4D Background



This preview shows how black text looks on a background with the Hex color 564E4D.

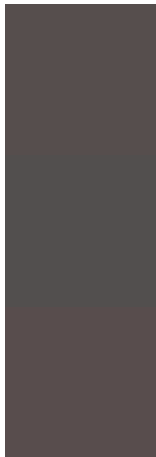


This preview shows how white text looks on a background with the Hex color 564E4D.

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
564E4D

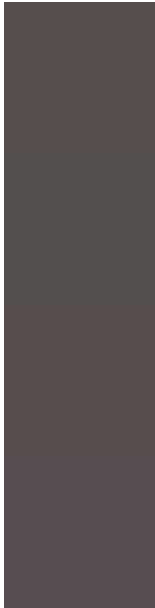
Protanopia
524F4E

Deuteranopia
584D4D



Tritanopia
574D53

Trichromacy



Original Color

564E4D

Protanomaly

534F4E

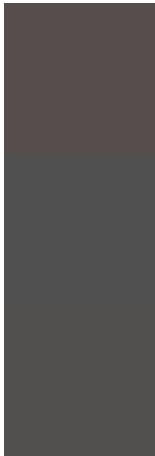
Deuteranomaly

574D4D

Tritanomaly

574D51

Monochromacy



Original Color

564E4D

Achromatopsia

505050

Achromatomaly

524F4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 564E4D 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 #564E4D looks like.

```
.text, #text, p{  
    color:#564E4D  
}
```

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 #564E4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564E4D
}
```

Border

The CSS property to change the border of an element to Hex 564E4D is called "border". The border property can be set on classes, ids or directly on the HTML element.

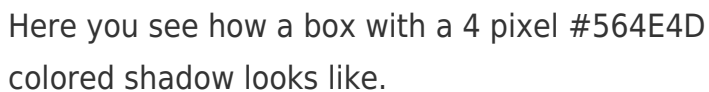
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#564E4D }
```

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

```
.border{ border-color:#564E4D }
```

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



Here you see how a box with a 4 pixel #564E4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564E4D; -webkit-box-shadow:4px 4px  
4px 4px #564E4D; box-shadow:4px 4px 4px  
4px #564E4D }
```

Background

The CSS property to change the background color of an element to Hex 564E4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564E4D }
```

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

```
.background{ background-color:#564E4D }
```

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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