

Converting Colors

Hex(564D4D)

Have a look what the booklet for
Hex(564D4D) contains.

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Color

Hex(564D4D)

Conversions

Conversions Part 1

Format	Color
Hex	564D4D
RGB	86, 77, 77
RGB Percent	34%, 30%, 30%
CMY	0.6627, 0.6980, 0.6980
CMYK	0.00, 0.10, 0.10, 0.66
HSL	0°, 6%, 32%
HSV	0°, 10%, 34%
XYZ	7.8312, 7.8220, 8.1182
YIQ	79.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

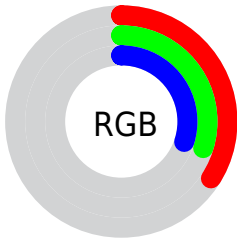
Format	Color
RYB	86, 77, 77
Decimal	5655885
CIELab	33.61, 3.74, 1.36
CIElCh	34, 3.975, 19.942
Yxy	7.8220, 0.3294, 0.3291
Android (android.graphics.Color)	4283845965 (0xFF564D4D)
YUV	79.6910, -1.3267, 5.5330
Hunter-Lab	27.9679, 1.0374, 2.3674

Details

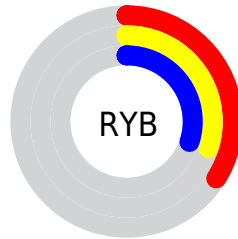
The Hex color **564D4D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4D5656**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **887E7E**, and **292121** is the 20% darker color. If you saturate the color by 10%, you get **564444**, and if you desaturate by 10%, it is **565656**.

Distribution



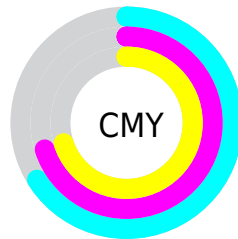
- Red (34%)
- Green (30%)
- Blue (30%)



- Red (34%)
- Yellow (30%)
- Blue (30%)



- Cyan (0%)
- Magenta (10%)
- Yellow (10%)
- Black (66%)



- Cyan (66%)
- Magenta (70%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564D4D 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 564D4D by changing the saturation by 10% instead.

■ 564D4D

■ 564D4D

FFFFFF

■ 3F3636

■ 887E7E

■ 292121

■ A29898

■ 150A0A

■ BDB3B2

■ 000000

■ D9CECE

■ F5EAEA

■ 564D4D

■ 564D4D

■ 564444

■ 565656

■ 563C3C

■ 565E5E

■ 563333

■ 566767

■ 562B2B

■ 566F6F

■ 562222

■ 567878

■ 561919

■ 568181

■ 561111

■ 568989

■ 560808

■ 569292

■ 560000

■ 569A9A

Harmonies

Analogous

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



554D50



564D4D



554E4A

Triad

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



564D4D



4C504B



4B5055

Complementary

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



564D4D



4D5656

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.



485054



564D4D



49514E

Square

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



564D4D



4F4F49



475151



4E4F55

Rectangle

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



564D4D



544E49



475151



4A5055

Sweetspot

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



564D4D



706D6D



564D56



383636



B8B8B8



383838

Same Dimension

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



564D4D



706262



56524D



2B2727



6B0000



EB0000

Inverse Universe

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



4D5656



627070



4D5256



272B2B



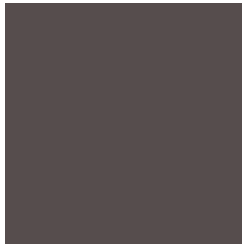
006B6B



00EBEB

Previews

White Background



This preview shows how the Hex color 564D4D looks on a white background.

Color Contrast Check

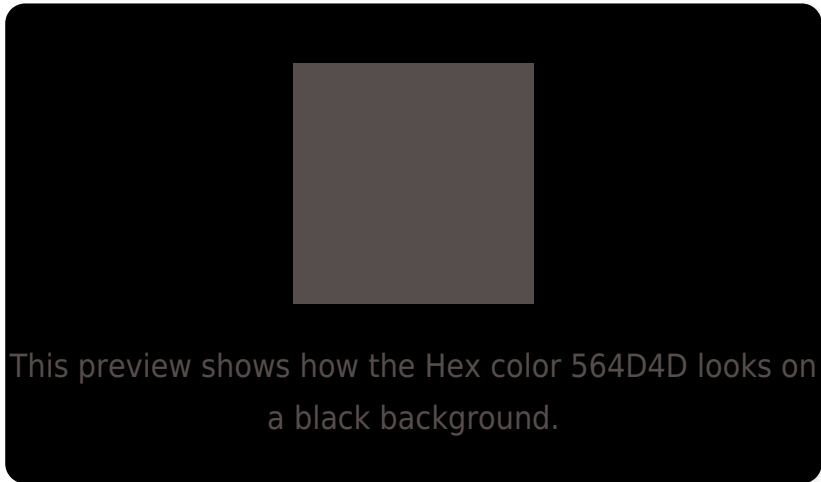
Large Text (above 18pt) WCAG AA ✓ Pass

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

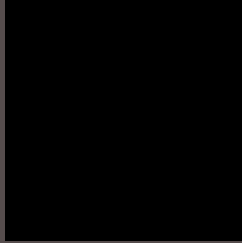
Any Text WCAG AA × Fail

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 564D4D Background



This preview shows how black text looks on a background with the Hex color 564D4D.

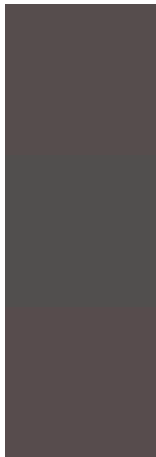


This preview shows how white text looks on a background with the Hex color 564D4D.

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

564D4D

Protanopia

514F4E

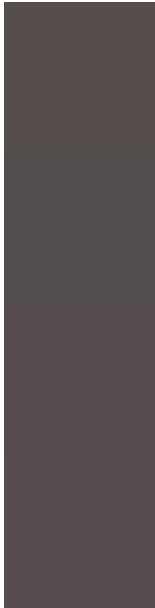
Deuteranopia

574C4D



Tritanopia
574C52

Trichromacy



Original Color

564D4D

Protanomaly

534E4E

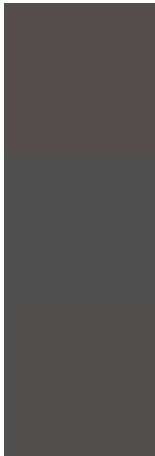
Deuteranomaly

574C4D

Tritanomaly

574C50

Monochromacy



Original Color

564D4D

Achromatopsia

505050

Achromatomaly

524F4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 564D4D 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 #564D4D looks like.

```
.text, #text, p{  
    color:#564D4D  
}
```

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 #564D4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564D4D
}
```

Border

The CSS property to change the border of an element to Hex 564D4D is called "border". The border property can be set on classes, ids or directly on the HTML element.

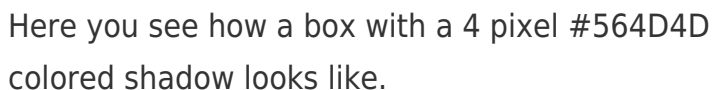
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#564D4D }
```

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

```
.border{ border-color:#564D4D }
```

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



Here you see how a box with a 4 pixel #564D4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564D4D; -webkit-box-shadow:4px 4px  
4px 4px #564D4D; box-shadow:4px 4px 4px  
4px #564D4D }
```

Background

The CSS property to change the background color of an element to Hex 564D4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564D4D }
```

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

```
.background{ background-color:#564D4D }
```

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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