

Converting Colors

Hex(564948)

Have a look what the booklet for
Hex(564948) contains.

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Color

Hex(564948)

Conversions

Conversions Part 1

Format	Color
Hex	564948
RGB	86, 73, 72
RGB Percent	34%, 29%, 28%
CMY	0.6627, 0.7137, 0.7176
CMYK	0.00, 0.15, 0.16, 0.66
HSL	4°, 9%, 31%
HSV	4°, 16%, 34%
XYZ	7.3900, 7.2114, 7.1333
YIQ	76.7730, 8.0690, 2.4450

Conversions

Conversions Part 2

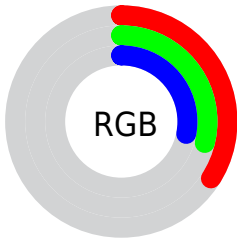
Format	Color
RYB	86, 73, 72
Decimal	5654856
CIELab	32.28, 5.29, 2.62
CIELCh	32, 5.901, 26.372
Yxy	7.2114, 0.3400, 0.3318
Android (android.graphics.Color)	4283844936 (0xFF564948)
YUV	76.7730, -2.3531, 8.0921
Hunter-Lab	26.8541, 2.1270, 3.0484

Details

The Hex color **564948** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **485556**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **887A78**, and **291D1D** is the 20% darker color. If you saturate the color by 10%, you get **56413F**, and if you desaturate by 10%, it is **565151**.

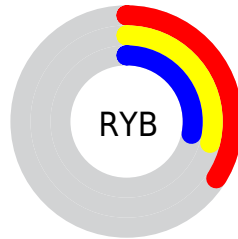
Distribution



 Red (34%)

 Green (29%)

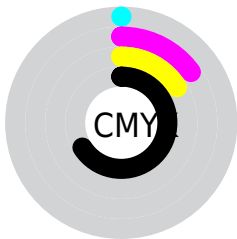
 Blue (28%)



 Red (34%)

 Yellow (29%)

 Blue (28%)

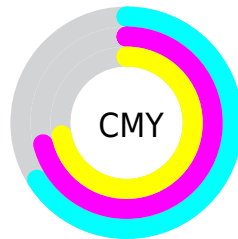


 Cyan (0%)

 Magenta (15%)

 Yellow (16%)

 Black (66%)



 Cyan (66%)

 Magenta (71%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564948 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 564948 by changing the saturation by 10% instead.



564948



564948

FFFFFF



3F3232



887A78



291D1D



A29392



150402



BDAEAD



000000



D9C9C8



F6E5E4



564948



564948



56413F



565151



563937



565959

■ 56312E

■ 566162

■ 562926

■ 56696A

■ 56211D

■ 567173

■ 561914

■ 56797C

■ 56110C

■ 568184

■ 560903

■ 56898D

■ 560600

■ 569195

Harmonies

Analogous

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



55494D



564948



544A44

Triad

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



564948



464E47



464C55

Complementary

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



564948



485556

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.



424E53



564948



424F4B

Square

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



564948



4B4D44



404F50



4C4B54

Rectangle

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



564948



524B43



404F50



454D55

Sweetspot

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



564948



706B6B



564855



383535



B8B8B8



383838

Same Dimension

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



564948



705B5A



565048



2B2727



6B0800



EB1100

Inverse Universe

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



485556



5A6F70



484E56



272B2B



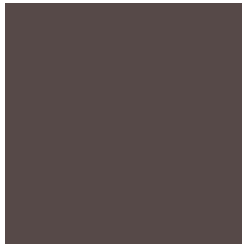
00636B



00DAEB

Previews

White Background



This preview shows how the Hex color 564948 looks on a white background.

Color Contrast Check

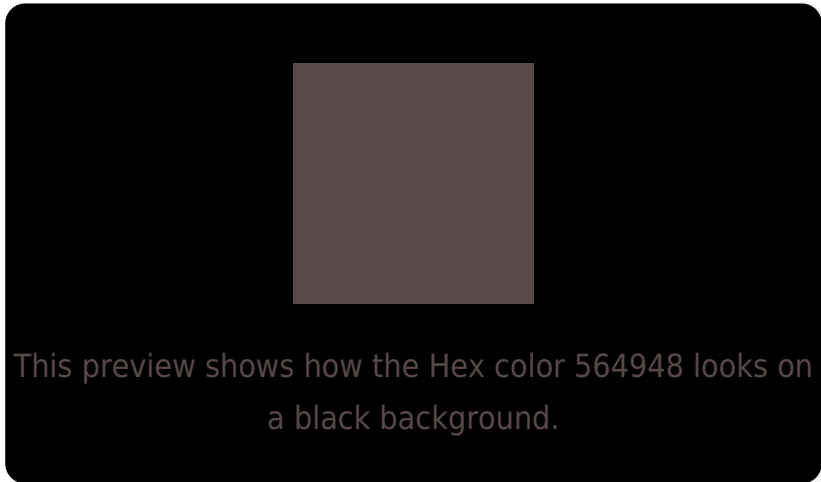
Large Text (above 18pt) WCAG AA ✓ Pass

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

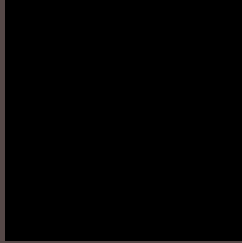
Any Text WCAG AA × Fail

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 564948 Background



This preview shows how black text looks on a background with the Hex color 564948.

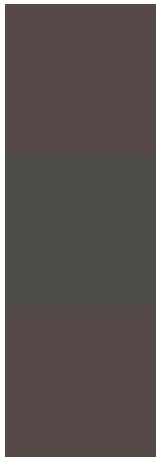


This preview shows how white text looks on a background with the Hex color 564948.

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
564948

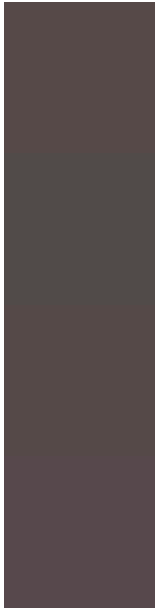
Protanopia
4E4C49

Deuteranopia
554948



Tritanopia
57484E

Trichromacy



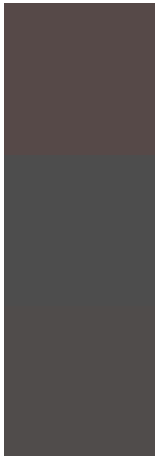
Original Color
564948

Protanomaly
514B49

Deuteranomaly
554948

Tritanomaly
57484C

Monochromacy



Original Color
564948

Achromatopsia
4D4D4D

Achromatomaly
504C4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 564948 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 #564948 looks like.

```
.text, #text, p{  
    color:#564948  
}
```

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 #564948 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564948
}
```

Border

The CSS property to change the border of an element to Hex 564948 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".

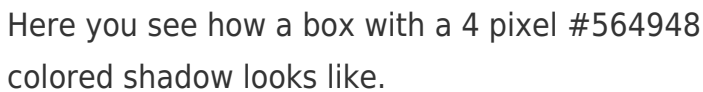
```
.border, #border, table{ border:4px solid
#564948 }
```

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

```
.border{ border-color:#564948 }
```

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

Here you see how a box with a 4 pixel #564948 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564948; -webkit-box-shadow:4px 4px  
4px 4px #564948; box-shadow:4px 4px 4px  
4px #564948 }
```

Background

The CSS property to change the background color of an element to Hex 564948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564948 }
```

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

```
.background{ background-color:#564948 }
```

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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