

Converting Colors

Hex(564348)

Have a look what the booklet for
Hex(564348) contains.

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Color

Hex(564348)

Conversions

Conversions Part 1

Format	Color
Hex	564348
RGB	86, 67, 72
RGB Percent	34%, 26%, 28%
CMY	0.6627, 0.7373, 0.7176
CMYK	0.00, 0.22, 0.16, 0.66
HSL	344°, 12%, 30%
HSV	344°, 22%, 34%
XYZ	7.0146, 6.4606, 7.0082
YIQ	73.2510, 9.7190, 5.5830

Conversions

Conversions Part 2

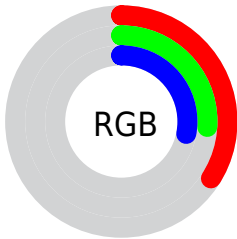
Format	Color
R _Y B	86, 67, 72
Decimal	5653320
CIE Lab	30.55, 9.10, 0.10
CIE LCh	31, 9.100, 0.631
Yxy	6.4606, 0.3425, 0.3154
Android (android.graphics.Color)	4283843400 (0xFF564348)
YUV	73.2510, -0.6167, 11.1809
Hunter-Lab	25.4178, 4.7800, 1.4449

Details

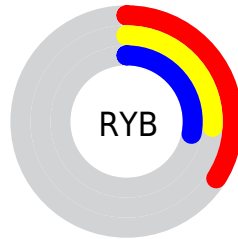
The Hex color **564348** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **435651**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **887378**, and **28181D** is the 20% darker color. If you saturate the color by 10%, you get **563A42**, and if you desaturate by 10%, it is **564C4E**.

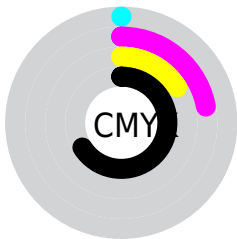
Distribution



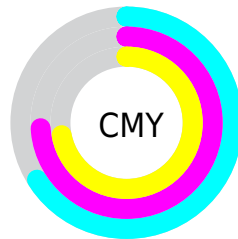
- Red (34%)
- Green (26%)
- Blue (28%)



- Red (34%)
- Yellow (26%)
- Blue (28%)



- Cyan (0%)
- Magenta (22%)
- Yellow (16%)
- Black (66%)



- Cyan (66%)
- Magenta (74%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564348 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 564348 by changing the saturation by 10% instead.

■ 564348

■ 564348

FFFFFF

■ 3F2D32

■ 887378

■ 28181D

■ A28D92

■ 160002

■ BDA7AD

■ 000000

■ D9C2C8

■ F6DEE4

■ FFFBFF

■ 564348

■ 564348

■ 563A42

■ 564C4E

■ 56323B

■ 565455

■ 562935

■ 565D5B

■ 56212F

■ 566561

■ 561828

■ 566E68

■ 560F22

■ 56776E

■ 56071C

■ 567F74

■ 560017

■ 56887B

■ 569081

Harmonies

Analogous

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



51444F



564348



574341

Triad

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



564348



464A3C



384B54

Complementary

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



564348



435651

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.



354C4F



564348



3E4B41

Square

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



564348



4D473A



374C48



404856

Rectangle

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



564348



55443D



374C48



374B53

Sweetspot

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



564348



70686A



514356



383435



B8B8B8



383838

Same Dimension

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



564348



70525A



564743



2B2728



6B001C



EB003E

Inverse Universe

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



564348



70525A



435256



2B2728



6B001C



EB003E

Previews

White Background



This preview shows how the Hex color 564348 looks on a white background.

Color Contrast Check

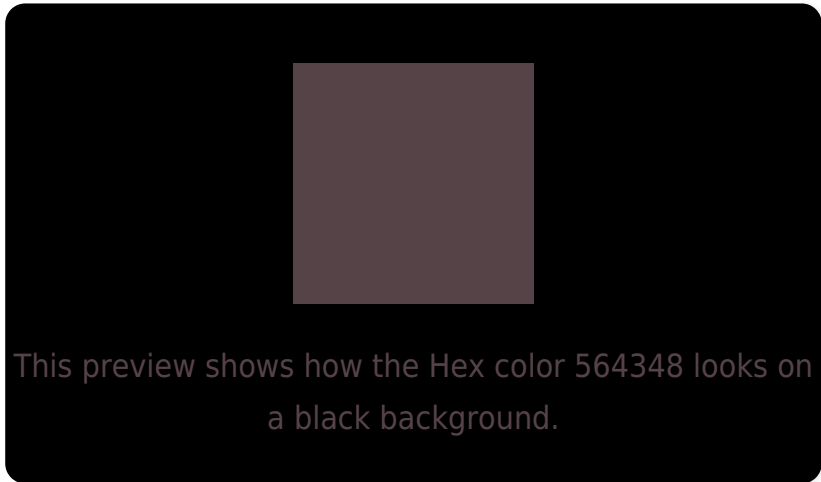
Large Text (above 18pt) WCAG AA ✓ Pass

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

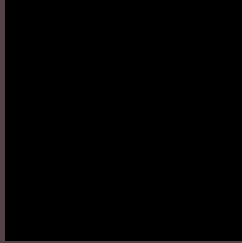
Any Text WCAG AA × Fail

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 564348 Background



This preview shows how black text looks on a background with the Hex color 564348.

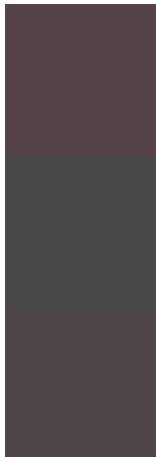


This preview shows how white text looks on a background with the Hex color 564348.

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](#).

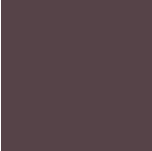
Dichromacy



Original Color
564348

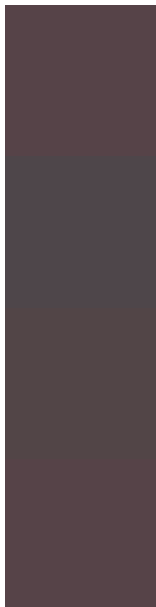
Protanopia
49484B

Deuteranopia
4F4647



Tritanopia
564348

Trichromacy



Original Color

564348

Protanomaly

4E464A

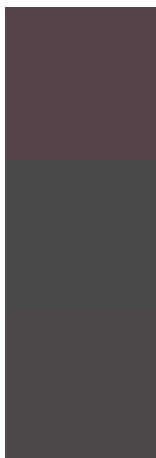
Deuteranomaly

524547

Tritanomaly

564348

Monochromacy



Original Color

564348

Achromatopsia

494949

Achromatomaly

4E4749

CSS Examples

Text

The CSS property to change the color of the text to Hex 564348 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 #564348 looks like.

```
.text, #text, p{  
    color:#564348  
}
```

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 #564348 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564348
}
```

Border

The CSS property to change the border of an element to Hex 564348 is called "border". The border property can be set on classes, ids or directly on the HTML element.

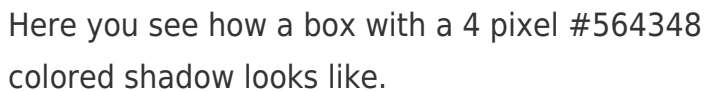
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#564348 }
```

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

```
.border{ border-color:#564348 }
```

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

A rectangular box with a dark blue shadow. The box is white with a thin dark blue border. The shadow is a darker blue, matching the border color, and is cast to the right and bottom of the box.

Here you see how a box with a 4 pixel #564348 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564348; -webkit-box-shadow:4px 4px  
4px 4px #564348; box-shadow:4px 4px 4px  
4px #564348 }
```

Background

The CSS property to change the background color of an element to Hex 564348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564348 }
```

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

```
.background{ background-color:#564348 }
```

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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