

# Converting Colors

Hex(584646)

Have a look what the booklet for  
Hex(584646) contains.

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# Color

**Hex(584646)**

# Conversions

## Conversions Part 1

Format	Color
Hex	584646
RGB	88, 70, 70
RGB Percent	35%, 27%, 27%
CMY	0.6549, 0.7255, 0.7255
CMYK	0.00, 0.20, 0.20, 0.65
HSL	0°, 11%, 31%
HSV	0°, 20%, 35%
XYZ	7.3202, 6.8972, 6.7398
YIQ	75.3820, 10.7280, 3.8160

# Conversions

## Conversions Part 2

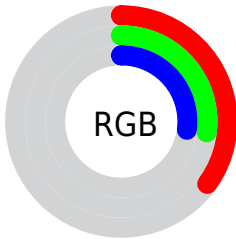
Format	Color
R <sub>Y</sub> B	88, 70, 70
Decimal	5785158
CIE Lab	31.57, 7.68, 2.91
CIE LCh	32, 8.211, 20.720
Yxy	6.8972, 0.3493, 0.3291
Android (android.graphics.Color)	4283975238 (0xFF584646)
YUV	75.3820, -2.6533, 11.0660
Hunter-Lab	26.2626, 3.7937, 3.1680

# Details

The Hex color **584646** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **465858**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **8A7676**, and **2A1B1B** is the 20% darker color. If you saturate the color by 10%, you get **583D3D**, and if you desaturate by 10%, it is **584F4F**.

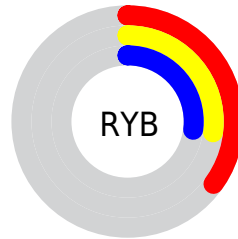
# Distribution



 Red (35%)

 Green (27%)

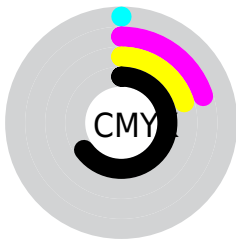
 Blue (27%)



 Red (35%)

 Yellow (27%)

 Blue (27%)

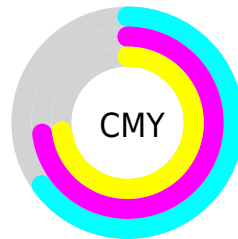


 Cyan (0%)

 Magenta (20%)

 Yellow (20%)

 Black (65%)



 Cyan (65%)

 Magenta (73%)

 Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 584646 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 584646 by changing the saturation by 10% instead.





584646



584646

FFFFFF



403030



8A7676



2A1B1B



A59090



170000



C0AAAA



000000



DCC6C6



F8E2E2

FFFEFE



584646



584646



583D3D



584F4F

■ 583434

■ 585858

■ 582C2C

■ 586060

■ 582323

■ 586969

■ 581A1A

■ 587272

■ 581111

■ 587B7B

■ 580808

■ 588484

■ 580000

■ 588C8C

■ 589595

# Harmonies

## Analogous

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



56464D



584646



564741

# Triad

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



584646



434D42



414B57

# Complementary

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



584646



465858

# 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.



3B4D54



584646



3D4E48

# Square

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



584646



4B4B3E



3A4E4F



494956

# Rectangle

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



584646



53483E



3A4E4F



3F4C56



# Sweetspot

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



584646



736C6C



584658



3B3737



BABABA



3B3B3B



# Same Dimension

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



584646



735656



584F46



2B2727



6B0000



EB0000



# Inverse Universe

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



465858



567373



464F58



272B2B



006B6B



00EBEB



# Previews

## White Background



This preview shows how the Hex color 584646 looks on a white background.

## Color Contrast Check

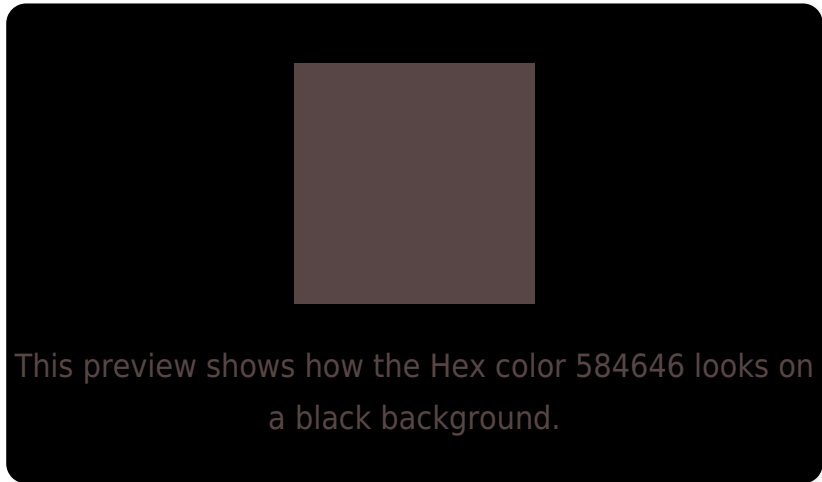
Large Text (above 18pt) WCAG AA ✓ Pass

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

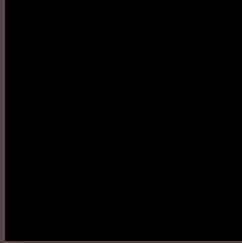
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 584646 Background



This preview shows how black text looks on a background with the Hex color 584646.

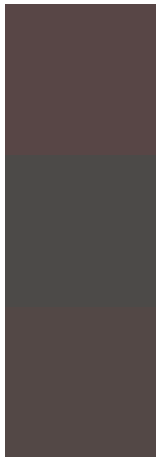


This preview shows how white text looks on a background with the Hex color 584646.

# 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**  
584646

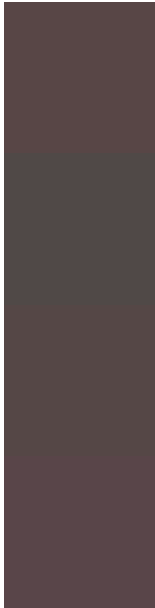
**Protanopia**  
4C4A48

**Deuteranopia**  
534846



**Tritanopia**  
59454B

# Trichromacy



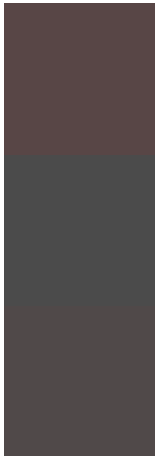
**Original Color**  
584646

**Protanomaly**  
504947

**Deuteranomaly**  
554746

**Tritanomaly**  
594549

# Monochromacy



**Original Color**  
584646

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
504949

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 584646 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 #584646 looks like.

```
.text, #text, p{  
    color:#584646  
}
```

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 #584646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584646
}
```

## Border

The CSS property to change the border of an element to Hex 584646 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".

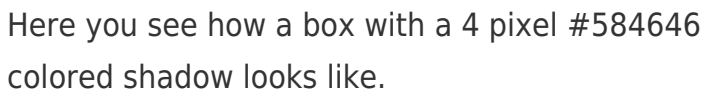
```
.border, #border, table{ border:4px solid
#584646 }
```

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

```
.border{ border-color:#584646 }
```

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

Here you see how a box with a 4 pixel #584646 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584646; -webkit-box-shadow:4px 4px  
4px 4px #584646; box-shadow:4px 4px 4px  
4px #584646 }
```

# Background

The CSS property to change the background color of an element to Hex 584646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584646 }
```

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

```
.background{ background-color:#584646 }
```

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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