

Converting Colors

Hex(585458)

Have a look what the booklet for
Hex(585458) contains.

Hex(585458)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(585458)

Conversions

Conversions Part 1

Format	Color
Hex	585458
RGB	88, 84, 88
RGB Percent	35%, 33%, 35%
CMY	0.6549, 0.6706, 0.6549
CMYK	0.00, 0.05, 0.00, 0.65
HSL	300°, 2%, 34%
HSV	300°, 5%, 35%
XYZ	8.9563, 9.1199, 10.5208
YIQ	85.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

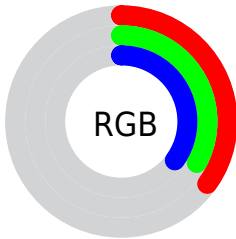
Format	Color
R_YB	88, 84, 88
Decimal	5788760
CIE Lab	36.21, 2.47, -1.75
CIE LCh	36, 3.024, 324.623
Yxy	9.1199, 0.3132, 0.3189
Android (android.graphics.Color)	4283978840 (0xFF585458)
YUV	85.6520, 1.1576, 2.0592
Hunter-Lab	30.1992, 0.0896, 0.4840

Details

The Hex color **585458** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **545854**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **8A858A**, and **2B272B** is the 20% darker color. If you saturate the color by 10%, you get **584B58**, and if you desaturate by 10%, it is **585D58**.

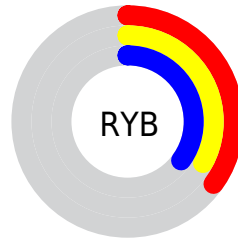
Distribution



Red (35%)

Green (33%)

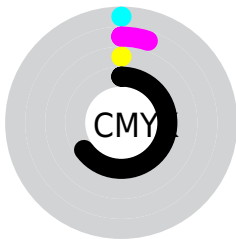
Blue (35%)



Red (35%)

Yellow (33%)

Blue (35%)

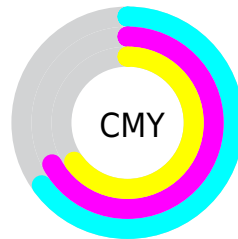


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (65%)



Cyan (65%)

Magenta (67%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 585458 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 585458 by changing the saturation by 10% instead.

■ 585458

■ 585458

FFFFFF

■ 413D41

■ 8A858A

■ 2B272B

■ A4A0A4

■ 161316

■ BFBBBF

■ 000000

■ DBD6DB

■ F8F3F7

■ 585458

■ 585458

■ 584B58

■ 585D58

■ 584258

■ 586658

■ 583A58

■ 586E58

■ 583158

■ 587758

■ 582858

■ 588058

■ 581F58

■ 588958

■ 581658

■ 589258

■ 580E58

■ 589A58

■ 580558

■ 58A358

Harmonies

Analogous

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



55555A



585458



5A5456

Triad

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



585458



585550



4F5757

Complementary

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



585458



545854

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.



505755



585458



555651

Square

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



585458



5A5451



525652



505659

Rectangle

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



585458



5B5454



525652



4F5756

Sweetspot

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



585458



737273



545458



3B3A3B



BABABA



3B3B3B

Same Dimension

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



585458



736D73



585456



2B292B



6B006B



EB00EB

Inverse Universe

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



585458



736D73



545856



2B292B



6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 585458 looks on a white background.

Color Contrast Check

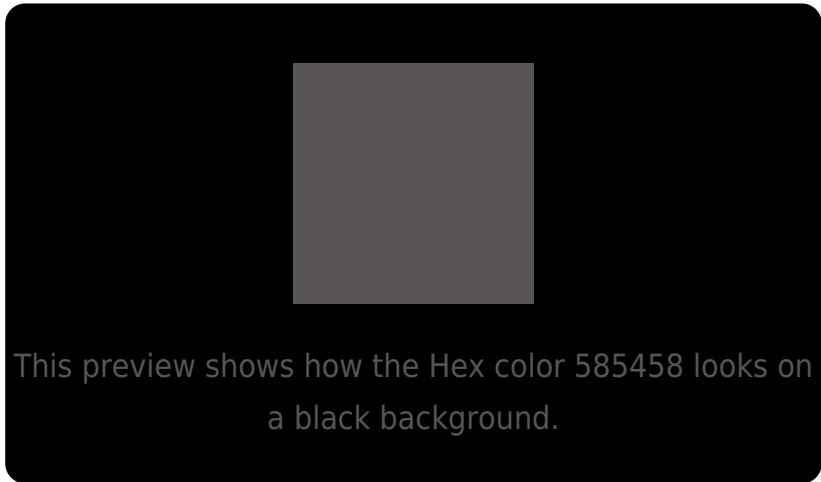
Large Text (above 18pt) WCAG AA ✓ Pass

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

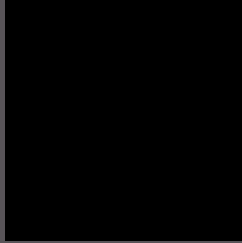
Any Text WCAG AA × Fail

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 585458 Background



This preview shows how black text looks on a background with the Hex color 585458.



This preview shows how white text looks on a background with the Hex color 585458.

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
585458

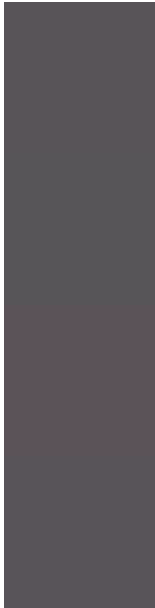
Protanopia
565558

Deuteranopia
5C5358



Tritanopia
58545A

Trichromacy



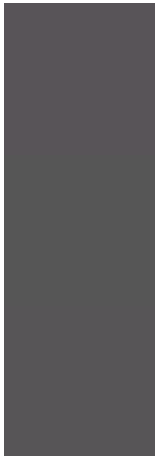
Original Color
585458

Protanomaly
575558

Deuteranomaly
5B5358

Tritanomaly
585459

Monochromacy



Original Color
585458

Achromatopsia
565656

Achromatomaly
575557

CSS Examples

Text

The CSS property to change the color of the text to Hex 585458 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 #585458 looks like.

```
.text, #text, p{  
    color:#585458  
}
```

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 #585458 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585458  
}
```

Border

The CSS property to change the border of an element to Hex 585458 is called "border". The border property can be set on classes, ids or directly on the HTML element.

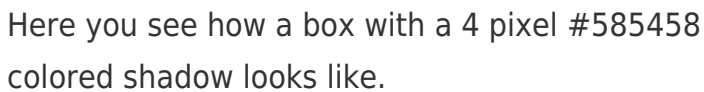
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#585458 }
```

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

```
.border{ border-color:#585458 }
```

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



Here you see how a box with a 4 pixel #585458 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #585458; -webkit-box-shadow:4px 4px  
4px 4px #585458; box-shadow:4px 4px 4px  
4px #585458 }
```

Background

The CSS property to change the background color of an element to Hex 585458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585458 }
```

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

```
.background{ background-color:#585458 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor