

Converting Colors

Hex(584451)

Have a look what the booklet for
Hex(584451) contains.

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Color

Hex(584451)

Conversions

Conversions Part 1

Format	Color
Hex	584451
RGB	88, 68, 81
RGB Percent	35%, 27%, 32%
CMY	0.6549, 0.7333, 0.6824
CMYK	0.00, 0.23, 0.08, 0.65
HSL	321°, 13%, 31%
HSV	321°, 23%, 35%
XYZ	7.5768, 6.8030, 8.6984
YIQ	75.4620, 7.7470, 8.2830

Conversions

Conversions Part 2

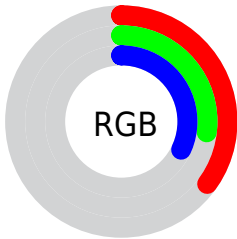
Format	Color
R_{YB}	88, 68, 81
Decimal	5784657
CIE _{Lab}	31.35, 11.08, -4.49
CIE _{LCh}	31, 11.952, 337.926
Yxy	6.8030, 0.3283, 0.2948
Android (android.graphics.Color)	4283974737 (0xFF584451)
YUV	75.4620, 2.7302, 10.9958
Hunter-Lab	26.0826, 6.2085, -1.5149

Details

The Hex color **584451** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **44584B**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **8A7482**, and **2A1924** is the 20% darker color. If you saturate the color by 10%, you get **583B4E**, and if you desaturate by 10%, it is **584D54**.

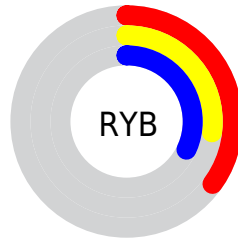
Distribution



 Red (35%)

 Green (27%)

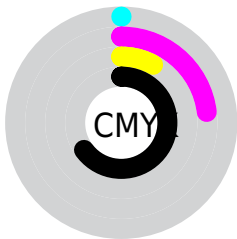
 Blue (32%)



 Red (35%)

 Yellow (27%)

 Blue (32%)

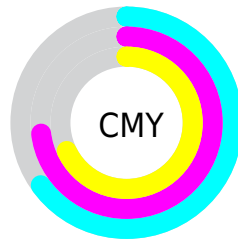


 Cyan (0%)

 Magenta (23%)

 Yellow (8%)

 Black (65%)



 Cyan (65%)

 Magenta (73%)

 Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 584451 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 584451 by changing the saturation by 10% instead.

■ 584451

■ 584451

FFFFFF

■ 402E3A

■ 8A7482

■ 2A1924

■ A58E9C

■ 17000F

■ C0A8B7

■ 000000

■ DCC4D3

■ F8E0EF

■ FFFCFF

■ 584451

■ 584451

■ 583B4E

■ 584D54

■ 58324B

■ 585657

■ 582A48

■ 585E5A

■ 582145

■ 58675D

■ 581842

■ 587060

■ 580F3F

■ 587963

■ 58063B

■ 588267

■ 580039

■ 588A6A

■ 58936D

Harmonies

Analogous

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



4E4759



584451



5D4348

Triad

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



584451



4E4A37



304F55

Complementary

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



584451



44584B

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.



324F4C



584451



444D3B

Square

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



584451



574739



394F42



364D5B

Rectangle

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



584451



5D4441



394F42



304F52

Sweetspot

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



584451



736B70



4B4458



3B3639



BABABA



3B3B3B

Same Dimension

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



584451



735468



584447



2B272A



6B0046



EB0098

Inverse Universe

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



584451



735468



445855



2B272A



6B0046



EB0098

Previews

White Background



This preview shows how the Hex color 584451 looks on a white background.

Color Contrast Check

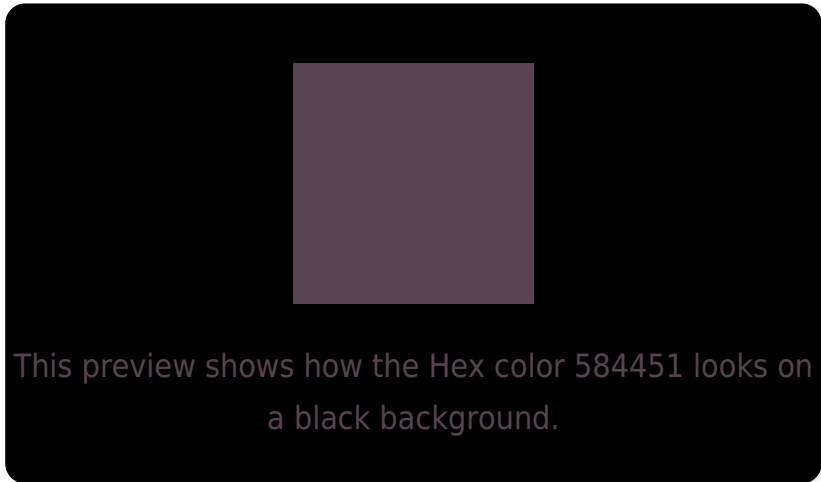
Large Text (above 18pt) WCAG AA ✓ Pass

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

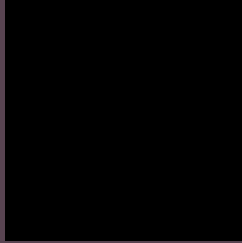
Any Text WCAG AA × Fail

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 584451 Background



This preview shows how black text looks on a background with the Hex color 584451.



This preview shows how white text looks on a background with the Hex color 584451.

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](#).

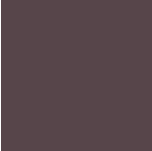
Dichromacy



Original Color
584451

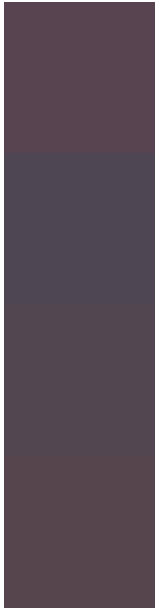
Protanopia
484954

Deuteranopia
4E4850



Tritanopia
57454A

Trichromacy



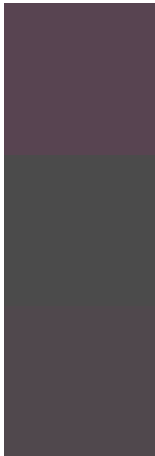
Original Color
584451

Protanomaly
4E4753

Deuteranomaly
524750

Tritanomaly
57454D

Monochromacy



Original Color
584451

Achromatopsia
4B4B4B

Achromatomaly
50484D

CSS Examples

Text

The CSS property to change the color of the text to Hex 584451 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 #584451 looks like.

```
.text, #text, p{  
    color:#584451  
}
```

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 #584451 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584451
}
```

Border

The CSS property to change the border of an element to Hex 584451 is called "border". The border property can be set on classes, ids or directly on the HTML element.

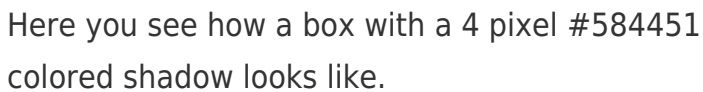
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#584451 }
```

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

```
.border{ border-color:#584451 }
```

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



Here you see how a box with a 4 pixel #584451 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584451; -webkit-box-shadow:4px 4px  
4px 4px #584451; box-shadow:4px 4px 4px  
4px #584451 }
```

Background

The CSS property to change the background color of an element to Hex 584451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584451 }
```

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

```
.background{ background-color:#584451 }
```

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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