

Converting Colors

Hex(5B5454)

Have a look what the booklet for
Hex(5B5454) contains.

Hex(5B5454)	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(5B5454)

Conversions

Conversions Part 1

Format	Color
Hex	5B5454
RGB	91, 84, 84
RGB Percent	36%, 33%, 33%
CMY	0.6431, 0.6706, 0.6706
CMYK	0.00, 0.08, 0.08, 0.64
HSL	0°, 4%, 34%
HSV	0°, 8%, 36%
XYZ	9.0849, 9.2049, 9.6854
YIQ	86.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

Format	Color
RYB	91, 84, 84
Decimal	5985364
CIELab	36.38, 2.85, 1.02
CIELCh	36, 3.032, 19.744
Yxy	9.2049, 0.3247, 0.3290
Android (android.graphics.Color)	4284175444 (0xFF5B5454)
YUV	86.0930, -1.0318, 4.3034
Hunter-Lab	30.3396, 0.3562, 2.3103

Details

The Hex color **5B5454** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **545B5B**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **8D8585**, and **2D2727** is the 20% darker color. If you saturate the color by 10%, you get **5B4B4B**, and if you desaturate by 10%, it is **5B5D5D**.

Distribution



 Red (36%)

 Green (33%)

 Blue (33%)



 Red (36%)

 Yellow (33%)

 Blue (33%)

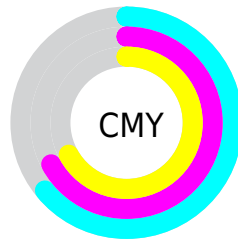


 Cyan (0%)

 Magenta (8%)

 Yellow (8%)

 Black (64%)



 Cyan (64%)

 Magenta (67%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B5454 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 5B5454 by changing the saturation by 10% instead.



5B5454



5B5454

FFFFFF



443D3D



8D8585



2D2727



A8A0A0



191313



C3BBBB



000000



DFD6D6



FBF3F3



5B5454



5B5454



5B4B4B



5B5D5D



5B4242



5B6666

■ 5B3939

■ 5B6F6F

■ 5B3030

■ 5B7878

■ 5B2727

■ 5B8282

■ 5B1D1D

■ 5B8B8B

■ 5B1414

■ 5B9494

■ 5B0B0B

■ 5B9D9D

■ 5B0202

■ 5BA6A6

Harmonies

Analogous

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



5A5456



5B5454



5A5452

Triad

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



5B5454



535752



52565A

Complementary

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



5B5454



545B5B

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.



505759



5B5454



515755

Square

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



5B5454



565651



505757



55555A

Rectangle

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



5B5454



595551



505757



51565A

Sweetspot

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



5B5454



757373



5B545B



3B3939



BABABA



3B3B3B

Same Dimension

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



5B5454



756B6B



5B5854



2E2929



6E0000



ED0000

Inverse Universe

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



545B5B



6B7575



54585B



292E2E



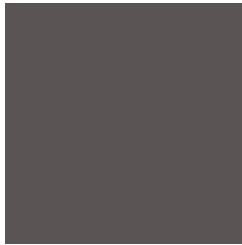
006E6E



00EDED

Previews

White Background



This preview shows how the Hex color 5B5454 looks on a white background.

Color Contrast Check

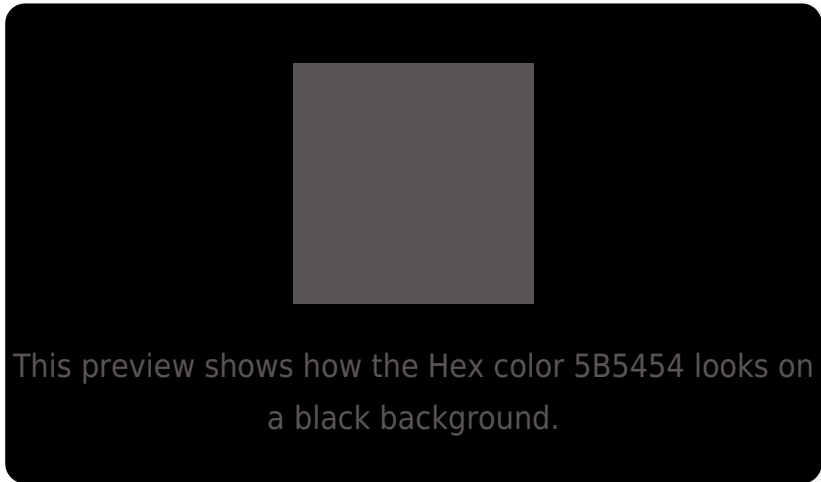
Large Text (above 18pt) WCAG AA ✓ Pass

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

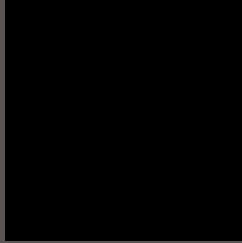
Any Text WCAG AA × Fail

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 5B5454 Background



This preview shows how black text looks on a background with the Hex color 5B5454.

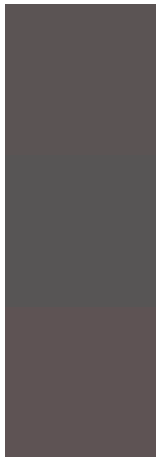


This preview shows how white text looks on a background with the Hex color 5B5454.

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](#).

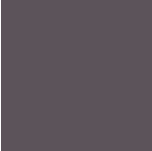
Dichromacy



Original Color
5B5454

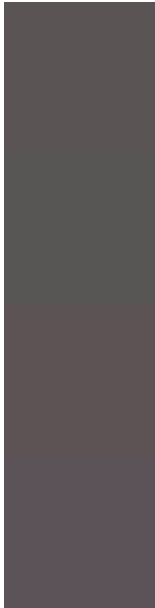
Protanopia
575555

Deuteranopia
5E5354



Tritanopia
5C535A

Trichromacy



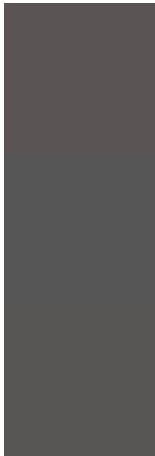
Original Color
5B5454

Protanomaly
585555

Deuteranomaly
5D5354

Tritanomaly
5C5358

Monochromacy



Original Color
5B5454

Achromatopsia
565656

Achromatomaly
585555

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B5454 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 #5B5454 looks like.

```
.text, #text, p{  
    color:#5B5454  
}
```

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 #5B5454 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5454
}
```

Border

The CSS property to change the border of an element to Hex 5B5454 is called "border". The border property can be set on classes, ids or directly on the HTML element.

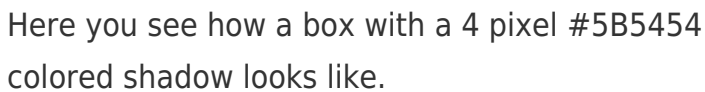
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B5454 }
```

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

```
.border{ border-color:#5B5454 }
```

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



Here you see how a box with a 4 pixel #5B5454 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5454; -webkit-box-shadow:4px 4px  
4px 4px #5B5454; box-shadow:4px 4px 4px  
4px #5B5454 }
```

Background

The CSS property to change the background color of an element to Hex 5B5454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5454 }
```

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

```
.background{ background-color:#5B5454 }
```

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