

Converting Colors

Hex(5B4949)

Have a look what the booklet for
Hex(5B4949) contains.

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Color

Hex(5B4949)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 5B4949 |
| RGB | 91, 73, 73 |
| RGB Percent | 36%, 29%, 29% |
| CMY | 0.6431, 0.7137, 0.7137 |
| CMYK | 0.00, 0.20, 0.20, 0.64 |
| HSL | 0°, 11%, 32% |
| HSV | 0°, 20%, 36% |
| XYZ | 7.8995, 7.4703, 7.3289 |
| YIQ | 78.3820, 10.7280, 3.8160 |

Conversions

Conversions Part 2

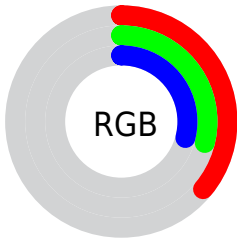
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 91, 73, 73 |
| Decimal | 5982537 |
| CIE Lab | 32.85, 7.62, 2.88 |
| CIE LCh | 33, 8.147, 20.671 |
| Yxy | 7.4703, 0.3480, 0.3291 |
| Android (android.graphics.Color) | 4284172617 (0xFF5B4949) |
| YUV | 78.3820, -2.6533, 11.0660 |
| Hunter-Lab | 27.3318, 3.7600, 3.2339 |




Details

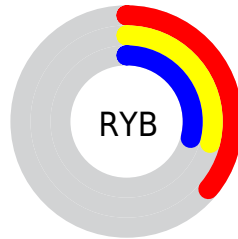
The Hex color **5B4949** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **495B5B**, and the grayscale version is **4E4E4E**.




A 20% lighter version of the original color is **8D7A79**, and **2D1D1E** is the 20% darker color. If you saturate the color by 10%, you get **5B4040**, and if you desaturate by 10%, it is **5B5252**.

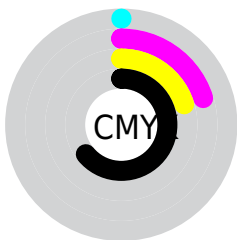
Distribution







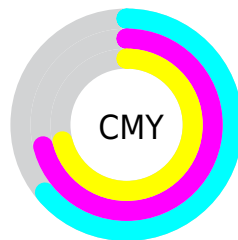
-  Red (36%)
-  Green (29%)
-  Blue (29%)






-  Red (36%)
-  Yellow (29%)
-  Blue (29%)



-  Cyan (0%)
-  Magenta (20%)
-  Yellow (20%)
-  Black (64%)



-  Cyan (64%)
-  Magenta (71%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B4949 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 5B4949 by changing the saturation by 10% instead.

 5B4949

 5B4949

FFFFFF

 433233

 8D7A79

 2D1D1E

 A89393

 1A0404

 C3AEAE

 000000

 DFC9C9

 FCE5E5

 5B4949

 5B4949

 5B4040

 5B5252

 5B3737

 5B5B5B

 5B2E2E

 5B6464

 5B2525

 5B6D6D

 5B1B1B

 5B7676

 5B1212

 5B8080

 5B0909

 5B8989

 5B0000

 5B9292

 5B9B9B

Harmonies

Analogous

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



594950



5B4949



594A44

Triad

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



5B4949



465045



444E5A

Complementary

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



5B4949



495B5B

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.



3E5057



5B4949



40514B

Square

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



5B4949



4E4E41



3D5152



4C4C59

Rectangle

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



5B4949



564B41



3D5152



424F59

Sweetspot

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



5B4949



756E6E



5B495B



3B3737



BABABA



3B3B3B

Same Dimension

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



5B4949



755959



5B5249



2E2929



6E0000



ED0000

Inverse Universe

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



495B5B



597575



49525B



292E2E



006E6E



00EDED

Previews

White Background



This preview shows how the Hex color 5B4949 looks on a white background.

Color Contrast Check

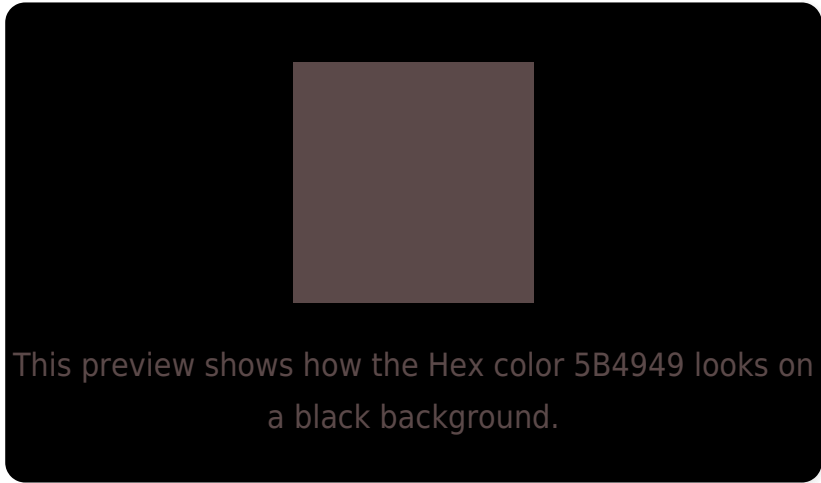
Large Text (above 18pt) WCAG AA ✓ Pass

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

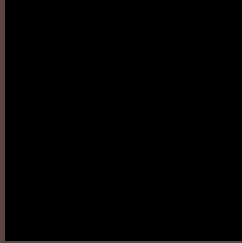
Any Text WCAG AA × Fail

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 5B4949 Background



This preview shows how black text looks on a background with the Hex color 5B4949.

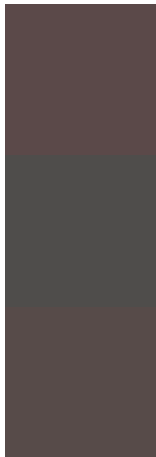


This preview shows how white text looks on a background with the Hex color 5B4949.

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
5B4949

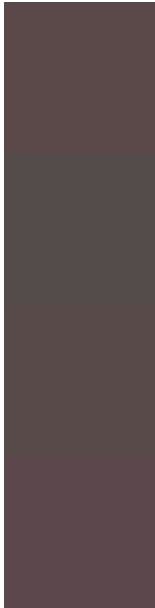
Protanopia
4F4D4B

Deuteranopia
574B49



Tritanopia
5C484E

Trichromacy



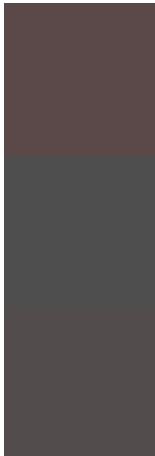
Original Color
5B4949

Protanomaly
534C4A

Deuteranomaly
584A49

Tritanomaly
5C484C

Monochromacy



Original Color
5B4949

Achromatopsia
4E4E4E

Achromatomaly
534C4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B4949 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 #5B4949 looks like.

```
.text, #text, p{  
    color:#5B4949  
}
```

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 #5B4949 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4949
}
```

Border

The CSS property to change the border of an element to Hex 5B4949 is called "border". The border property can be set on classes, ids or directly on the HTML element.

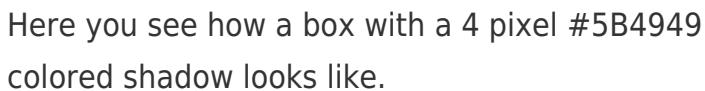
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B4949 }
```

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

```
.border{ border-color:#5B4949 }
```

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



Here you see how a box with a 4 pixel #5B4949 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4949; -webkit-box-shadow:4px 4px  
4px 4px #5B4949; box-shadow:4px 4px 4px  
4px #5B4949 }
```

Background

The CSS property to change the background color of an element to Hex 5B4949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4949 }
```

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

```
.background{ background-color:#5B4949 }
```

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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