

Converting Colors

Hex(5A4545)

Have a look what the booklet for
Hex(5A4545) contains.

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Color

Hex(5A4545)

Conversions

Conversions Part 1

Format	Color
Hex	5A4545
RGB	90, 69, 69
RGB Percent	35%, 27%, 27%
CMY	0.6471, 0.7294, 0.7294
CMYK	0.00, 0.23, 0.23, 0.65
HSL	0°, 13%, 31%
HSV	0°, 23%, 35%
XYZ	7.4187, 6.8596, 6.5632
YIQ	75.2790, 12.5160, 4.4520

Conversions

Conversions Part 2

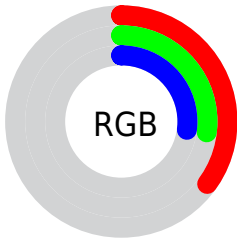
Format	Color
R_{YB}	90, 69, 69
Decimal	5915973
CIE Lab	31.49, 9.00, 3.45
CIE LCh	31, 9.644, 20.979
Yxy	6.8596, 0.3560, 0.3291
Android (android.graphics.Color)	4284106053 (0xFF5A4545)
YUV	75.2790, -3.0955, 12.9103
Hunter-Lab	26.1908, 4.7277, 3.4759

Details

The Hex color **5A4545** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **455A5A**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **8C7575**, and **2C1A1A** is the 20% darker color. If you saturate the color by 10%, you get **5A3C3C**, and if you desaturate by 10%, it is **5A4E4E**.

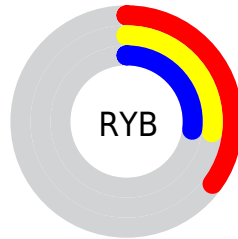
Distribution



Red (35%)

Green (27%)

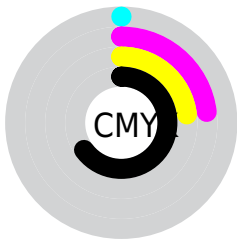
Blue (27%)



Red (35%)

Yellow (27%)

Blue (27%)

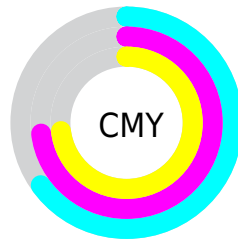


Cyan (0%)

Magenta (23%)

Yellow (23%)

Black (65%)



Cyan (65%)

Magenta (73%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A4545 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 5A4545 by changing the saturation by 10% instead.

■ 5A4545

■ 5A4545

FFFFFF

■ 422F2F

■ 8C7575

■ 2C1A1A

■ A78F8F

■ 190000

■ C2A9A9

■ 000000

■ DEC5C4

■ FBE1E0

■ FFFDFD

■ 5A4545

■ 5A4545

■ 5A3C3C

■ 5A4E4E

 5A3333

 5A5757

 5A2A2A

 5A6060

 5A2121

 5A6969

 5A1818

 5A7272

 5A0F0F

 5A7B7B

 5A0606

 5A8484

 5A0000

 5A8D8D

 5A9696

Harmonies

Analogous

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



58454D



5A4545



58463F

Triad

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



5A4545



424D40



3F4B59

Complementary

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



5A4545



455A5A

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.



384D56



5A4545



3A4E47

Square

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



5A4545



4A4B3C



364E4F



494958

Rectangle

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



5A4545



54483C



364E4F



3C4C58

Sweetspot

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



5A4545



756D6D



5A455A



3B3636



BABABA



3B3B3B

Same Dimension

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



5A4545



755454



5A5045



2E2929



6E0000



ED0000

Inverse Universe

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



455A5A



547575



45505A



292E2E



006E6E



00EDED

Previews

White Background



This preview shows how the Hex color 5A4545 looks on a white background.

Color Contrast Check

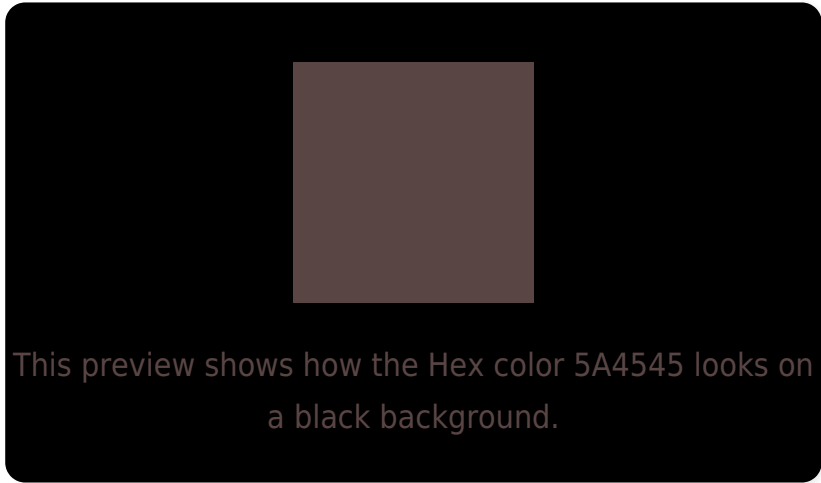
Large Text (above 18pt) WCAG AA ✓ Pass

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

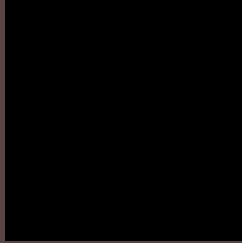
Any Text WCAG AA × Fail

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 5A4545 Background



This preview shows how black text looks on a background with the Hex color 5A4545.

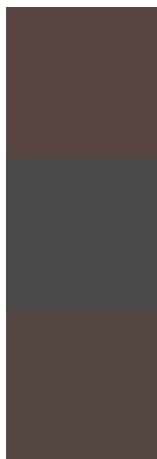


This preview shows how white text looks on a background with the Hex color 5A4545.

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


5A4545

Protanopia

4C4A48

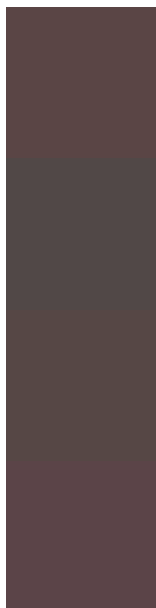
Deuteranopia

544845



Tritanopia
5B444A

Trichromacy



Original Color

5A4545

Protanomaly

514847

Deuteranomaly

564745

Tritanomaly

5B4448

Monochromacy



Original Color

5A4545

Achromatopsia

4B4B4B

Achromatomaly

504949

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A4545 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 #5A4545 looks like.

```
.text, #text, p{  
    color:#5A4545  
}
```

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 #5A4545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4545  
}
```

Border

The CSS property to change the border of an element to Hex 5A4545 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".

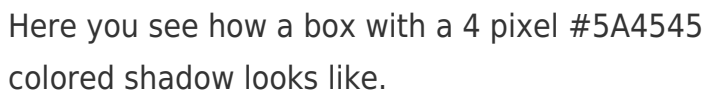
```
.border, #border, table{ border:4px solid  
#5A4545 }
```

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

```
.border{ border-color:#5A4545 }
```

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

Here you see how a box with a 4 pixel #5A4545 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4545; -webkit-box-shadow:4px 4px  
4px 4px #5A4545; box-shadow:4px 4px 4px  
4px #5A4545 }
```

Background

The CSS property to change the background color of an element to Hex 5A4545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4545 }
```

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

```
.background{ background-color:#5A4545 }
```

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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