

Converting Colors

Hex(5D5545)

Have a look what the booklet for
Hex(5D5545) contains.

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Color

Hex(5D5545)

Conversions

Conversions Part 1

Format	Color
Hex	5D5545
RGB	93, 85, 69
RGB Percent	36%, 33%, 27%
CMY	0.6353, 0.6667, 0.7294
CMYK	0.00, 0.09, 0.26, 0.64
HSL	40°, 15%, 32%
HSV	40°, 26%, 36%
XYZ	8.8369, 9.2538, 6.9506
YIQ	85.5680, 9.9040, -3.2800

Conversions

Conversions Part 2

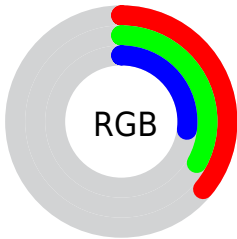
Format	Color
R_{YB}	81, 93, 69
Decimal	6116677
CIE Lab	36.47, 0.35, 10.53
CIE LCh	36, 10.537, 88.074
Yxy	9.2538, 0.3529, 0.3695
Android (android.graphics.Color)	4284306757 (0xFF5D5545)
YUV	85.5680, -8.1680, 6.5179
Hunter-Lab	30.4201, -1.3819, 7.7470

Details

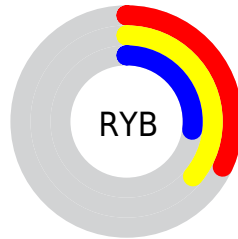
The Hex color **5D5545** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **454D5D**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **908775**, and **2F281A** is the 20% darker color. If you saturate the color by 10%, you get **5D523C**, and if you desaturate by 10%, it is **5D584E**.

Distribution



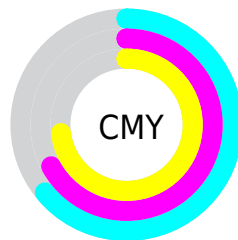
- Red (36%)
- Green (33%)
- Blue (27%)



- Red (32%)
- Yellow (36%)
- Blue (27%)



- Cyan (0%)
- Magenta (9%)
- Yellow (26%)
- Black (64%)



- Cyan (64%)
- Magenta (67%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D5545 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 5D5545 by changing the saturation by 10% instead.

■ 5D5545

■ 5D5545

FFFFFF

■ 453E2F

■ 908775

■ 2F281A

■ AAA18F

■ 1B1400

■ C6BCA9

■ 000000

■ E2D7C5

■ FEF4E1

FFFFFFD

■ 5D5545

■ 5D5545

■ 5D523C

■ 5D584E

■ 5D4F32

■ 5D5B58

■ 5D4C29

■ 5D5E61

■ 5D4920

■ 5D616A

■ 5D4616

■ 5D6474

■ 5D420D

■ 5D687D

■ 5D3F04

■ 5D6B86

■ 5D3E00

■ 5D6E8F

■ 5D7199

Harmonies

Analogous

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



645248



5D5545



545847

Triad

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



5D5545



3F5A5D



60515F

Complementary

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



5D5545



454D5D

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.



575465



5D5545



435964

Square

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



5D5545



425B55



4C5766



665057

Rectangle

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



5D5545



4D594A



4C5766



5D5261

Sweetspot

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



5D5545



78756E



5D454D



3D3B37



BDBDBD



3D3D3D

Same Dimension

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



5D5545



786B53



595D45



2E2C29



6E4900



ED9E00

Inverse Universe

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



454D5D



535F78



49455D



292B2E



00256E



004FED

Previews

White Background



This preview shows how the Hex color 5D5545 looks on a white background.

Color Contrast Check

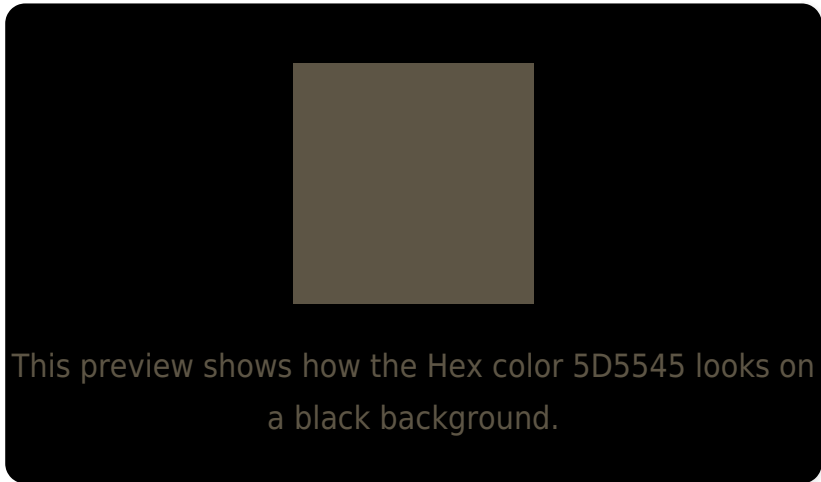
Large Text (above 18pt) WCAG AA ✓ Pass

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

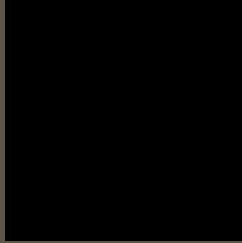
Any Text WCAG AA × Fail

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 5D5545 Background



This preview shows how black text looks on a background with the Hex color 5D5545.

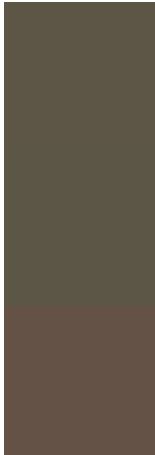


This preview shows how white text looks on a background with the Hex color 5D5545.

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
5D5545

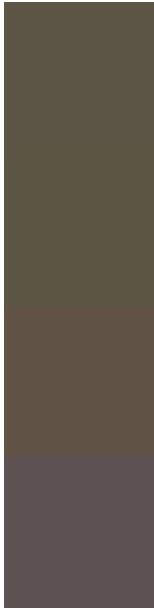
Protanopia
5B5645

Deuteranopia
645246



Tritanopia
5F5259

Trichromacy



Original Color
5D5545

Protanomaly
5C5645

Deuteranomaly
615346

Tritanomaly
5E5352

Monochromacy



Original Color
5D5545

Achromatopsia
565656

Achromatomaly
595650

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D5545 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 #5D5545 looks like.

```
.text, #text, p{  
    color:#5D5545  
}
```

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 #5D5545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5545
}
```

Border

The CSS property to change the border of an element to Hex 5D5545 is called "border". The border property can be set on classes, ids or directly on the HTML element.

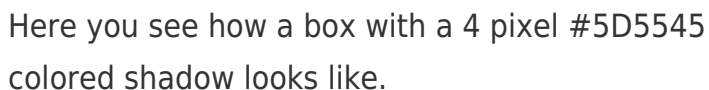
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D5545 }
```

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

```
.border{ border-color:#5D5545 }
```

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



Here you see how a box with a 4 pixel #5D5545 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5545; -webkit-box-shadow:4px 4px  
4px 4px #5D5545; box-shadow:4px 4px 4px  
4px #5D5545 }
```

Background

The CSS property to change the background color of an element to Hex 5D5545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5545 }
```

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

```
.background{ background-color:#5D5545 }
```

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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