

Converting Colors

Hex(5D5849)

Have a look what the booklet for
Hex(5D5849) contains.

Hex(5D5849)	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(5D5849)

Conversions

Conversions Part 1

Format	Color
Hex	5D5849
RGB	93, 88, 73
RGB Percent	36%, 35%, 29%
CMY	0.6353, 0.6549, 0.7137
CMYK	0.00, 0.05, 0.22, 0.64
HSL	45°, 12%, 33%
HSV	45°, 22%, 36%
XYZ	9.2065, 9.7876, 7.7073
YIQ	87.7850, 7.7950, -3.6050

Conversions

Conversions Part 2

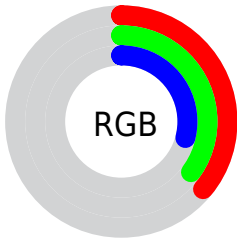
Format	Color
R_{YB}	80, 93, 73
Decimal	6117449
CIE Lab	37.46, -0.80, 9.44
CIE LCh	37, 9.471, 94.834
Yxy	9.7876, 0.3448, 0.3666
Android (android.graphics.Color)	4284307529 (0xFF5D5849)
YUV	87.7850, -7.2890, 4.5736
Hunter-Lab	31.2852, -2.2206, 7.2932

Details

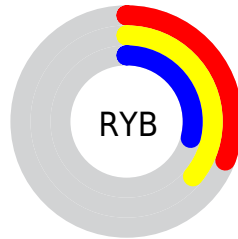
The Hex color **5D5849** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **494E5D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **8F8A7A**, and **2F2B1D** is the 20% darker color. If you saturate the color by 10%, you get **5D5640**, and if you desaturate by 10%, it is **5D5A52**.

Distribution



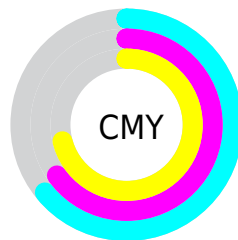
- Red (36%)
- Green (35%)
- Blue (29%)



- Red (31%)
- Yellow (36%)
- Blue (29%)



- Cyan (0%)
- Magenta (5%)
- Yellow (22%)
- Black (64%)



- Cyan (64%)
- Magenta (65%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D5849 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 5D5849 by changing the saturation by 10% instead.

■ 5D5849

■ 5D5849

FFFFFF

■ 454132

■ 8F8A7A

■ 2F2B1D

■ AAA493

■ 1B1604

■ C5BFAE

■ 000000

■ E1DBC9

■ FEF7E5

■ 5D5849

■ 5D5849

■ 5D5640

■ 5D5A52

■ 5D5336

■ 5D5D5C

■ 5D512D

■ 5D5F65

■ 5D4F24

■ 5D616E

■ 5D4C1B

■ 5D6477

■ 5D4A11

■ 5D6681

■ 5D4808

■ 5D688A

■ 5D4600

■ 5D6B93

■ 5D6D9D

Harmonies

Analogous

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



64564B



5D5849



545A4C

Triad

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



5D5849



445C61



63545F

Complementary

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



5D5849



494E5D

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.



5B5665



5D5849



495B66

Square

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



5D5849



465D59



515867



685357

Rectangle

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



5D5849



4F5C4F



515867



615461

Sweetspot

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



5D5849



787671



5D494E



3D3C39



BDBDBD



3D3D3D

Same Dimension

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



5D5849



787059



585D49



2E2D29



6E5200



EDB200

Inverse Universe

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



494E5D



596078



4E495D



292A2E



001B6E



003BED

Previews

White Background



This preview shows how the Hex color 5D5849 looks on a white background.

Color Contrast Check

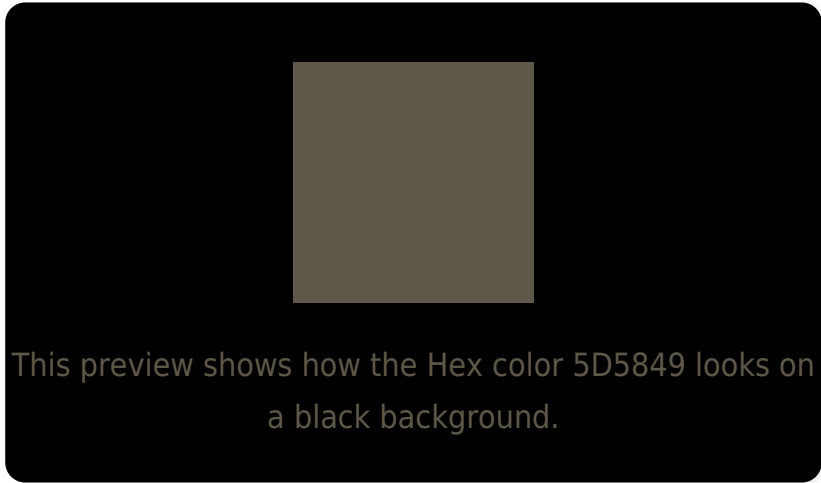
Large Text (above 18pt) WCAG AA ✓ Pass

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

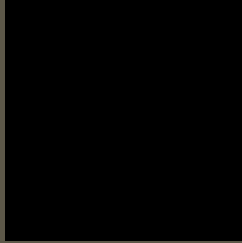
Any Text WCAG AA × Fail

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 5D5849 Background



This preview shows how black text looks on a background with the Hex color 5D5849.



This preview shows how white text looks on a background with the Hex color 5D5849.

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](#).

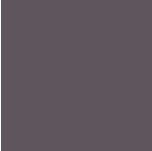
Dichromacy



Original Color
5D5849

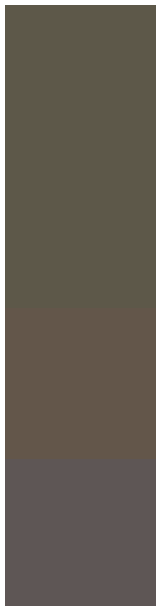
Protanopia
5D5849

Deuteranopia
66554A



Tritanopia
5F555C

Trichromacy



Original Color
5D5849

Protanomaly
5D5849

Deuteranomaly
63564A

Tritanomaly
5E5655

Monochromacy



Original Color
5D5849

Achromatopsia
585858

Achromatomaly
5A5853

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D5849 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 #5D5849 looks like.

```
.text, #text, p{  
    color:#5D5849  
}
```

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 #5D5849 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5849
}
```

Border

The CSS property to change the border of an element to Hex 5D5849 is called "border". The border property can be set on classes, ids or directly on the HTML element.

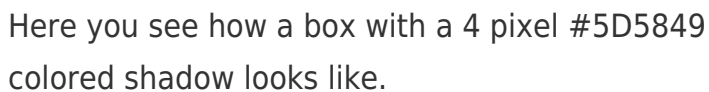
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D5849 }
```

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

```
.border{ border-color:#5D5849 }
```

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



Here you see how a box with a 4 pixel #5D5849 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5849; -webkit-box-shadow:4px 4px  
4px 4px #5D5849; box-shadow:4px 4px 4px  
4px #5D5849 }
```

Background

The CSS property to change the background color of an element to Hex 5D5849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5849 }
```

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

```
.background{ background-color:#5D5849 }
```

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