

Converting Colors

Hex(5D5856)

Have a look what the booklet for
Hex(5D5856) contains.

Hex(5D5856)	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(5D5856)

Conversions

Conversions Part 1

Format	Color
Hex	5D5856
RGB	93, 88, 86
RGB Percent	36%, 35%, 34%
CMY	0.6353, 0.6549, 0.6627
CMYK	0.00, 0.05, 0.08, 0.64
HSL	17°, 4%, 35%
HSV	17°, 8%, 36%
XYZ	9.6836, 9.9785, 10.2198
YIQ	89.2670, 3.6220, 0.4380

Conversions

Conversions Part 2

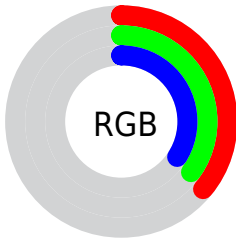
Format	Color
RYB	93, 89, 86
Decimal	6117462
CIELab	37.80, 1.61, 1.87
CIELCh	38, 2.473, 49.259
Yxy	9.9785, 0.3241, 0.3339
Android (android.graphics.Color)	4284307542 (0xFF5D5856)
YUV	89.2670, -1.6106, 3.2738
Hunter-Lab	31.5887, -0.5605, 2.9303

Details

The Hex color **5D5856** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **565B5D**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8F8A88**, and **2F2B29** is the 20% darker color. If you saturate the color by 10%, you get **5D514D**, and if you desaturate by 10%, it is **5D5F5F**.

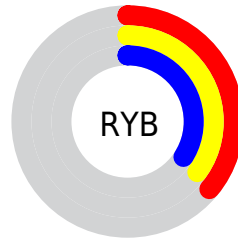
Distribution



Red (36%)

Green (35%)

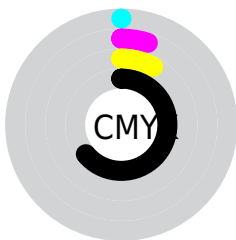
Blue (34%)



Red (36%)

Yellow (35%)

Blue (34%)

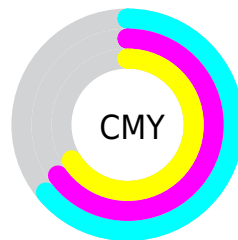


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (64%)



Cyan (64%)

Magenta (65%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D5856 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 5D5856 by changing the saturation by 10% instead.

■ 5D5856

■ 5D5856

FFFFFF

■ 45413F

■ 8F8A88

■ 2F2B29

■ AAA4A2

■ 1A1615

■ C5BFBD

■ 000000

■ E1DBD9

■ FEF8F5

■ 5D5856

■ 5D5856

■ 5D514D

■ 5D5F5F

■ 5D4B43

■ 5D6569

■ 5D443A

■ 5D6C72

■ 5D3D31

■ 5D737B

■ 5D3728

■ 5D7985

■ 5D301E

■ 5D808E

■ 5D2915

■ 5D8797

■ 5D230C

■ 5D8DA0

■ 5D1C02

■ 5D94AA

Harmonies

Analogous

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



5D5858



5D5856



5B5955

Triad

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



5D5856



555A58



59595D

Complementary

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



5D5856



565B5D

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.



56595D



5D5856



545A5A

Square

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



5D5856



575A56



555A5C



5B585C

Rectangle

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



5D5856



5A5955



555A5C



58595D

Sweetspot

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



5D5856



787675



5D565B



3D3C3C



BDBDBD



3D3D3D

Same Dimension

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



5D5856



78706D



5D5B56



2E2B29



6E1F00



ED4400

Inverse Universe

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



565B5D



6D7578



56585D



292D2E



004E6E



00A9ED

Previews

White Background



This preview shows how the Hex color 5D5856 looks on a white background.

Color Contrast Check

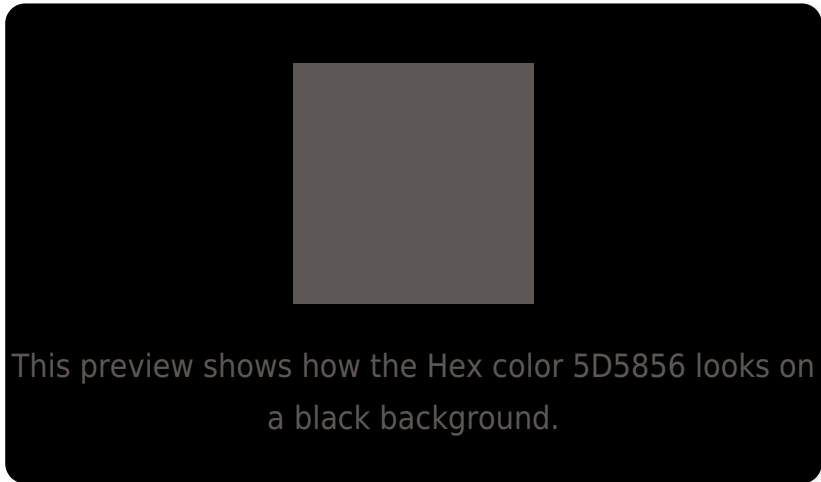
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

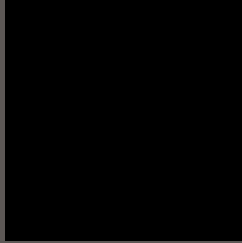
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

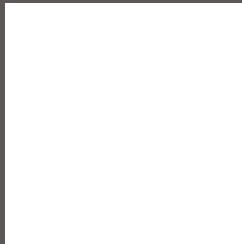
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5D5856 Background



This preview shows how black text looks on a background with the Hex color 5D5856.

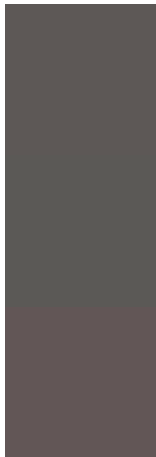


This preview shows how white text looks on a background with the Hex color 5D5856.

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
5D5856

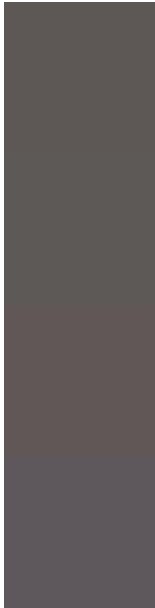
Protanopia
5B5956

Deuteranopia
625656



Tritanopia
5E575E

Trichromacy



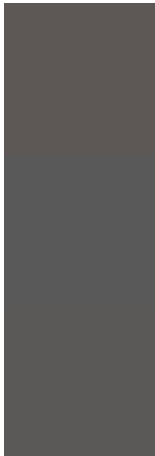
Original Color
5D5856

Protanomaly
5C5956

Deuteranomaly
605756

Tritanomaly
5E575B

Monochromacy



Original Color
5D5856

Achromatopsia
595959

Achromatomaly
5A5958

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D5856 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 #5D5856 looks like.

```
.text, #text, p{  
    color:#5D5856  
}
```

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 #5D5856 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5856
}
```

Border

The CSS property to change the border of an element to Hex 5D5856 is called "border". The border property can be set on classes, ids or directly on the HTML element.

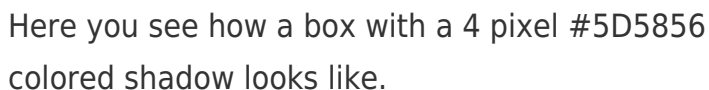
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D5856 }
```

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

```
.border{ border-color:#5D5856 }
```

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



Here you see how a box with a 4 pixel #5D5856 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5856; -webkit-box-shadow:4px 4px  
4px 4px #5D5856; box-shadow:4px 4px 4px  
4px #5D5856 }
```

Background

The CSS property to change the background color of an element to Hex 5D5856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5856 }
```

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

```
.background{ background-color:#5D5856 }
```

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