

# Converting Colors

Hex(5D5954)

Have a look what the booklet for  
Hex(5D5954) contains.

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# Color

**Hex(5D5954)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D5954
RGB	93, 89, 84
RGB Percent	36%, 35%, 33%
CMY	0.6353, 0.6510, 0.6706
CMYK	0.00, 0.04, 0.10, 0.64
HSL	33°, 5%, 35%
HSV	33°, 10%, 36%
XYZ	9.6868, 10.1120, 9.8288
YIQ	89.6260, 3.9890, -0.7070

# Conversions

## Conversions Part 2

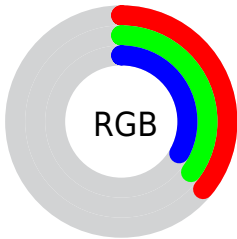
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 93, 84
Decimal	6117716
CIE Lab	38.04, 0.61, 3.46
CIE LCh	38, 3.513, 80.007
Yxy	10.1120, 0.3270, 0.3413
Android (android.graphics.Color)	4284307796 (0xFF5D5954)
YUV	89.6260, -2.7736, 2.9590
Hunter-Lab	31.7994, -1.2738, 3.9338

# Details

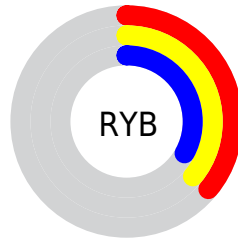
The Hex color **5D5954** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **54585D**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **8F8B85**, and **2F2C27** is the 20% darker color. If you saturate the color by 10%, you get **5D554B**, and if you desaturate by 10%, it is **5D5D5D**.

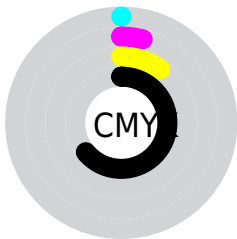
# Distribution



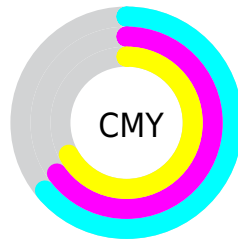
- Red (36%)
- Green (35%)
- Blue (33%)



- Red (36%)
- Yellow (36%)
- Blue (33%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (64%)



- Cyan (64%)
- Magenta (65%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D5954 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 5D5954 by changing the saturation by 10% instead.



■ 5D5954

■ 5D5954

FFFFFF

■ 45423D

■ 8F8B85

■ 2F2C27

■ AAA5A0

■ 1A1713

■ C5C0BB

■ 000000

■ E1DCD6

■ FEF9F3

■ 5D5954

■ 5D5954

■ 5D554B

■ 5D5D5D

■ 5D5141

■ 5D6167

■ 5D4D38

■ 5D6570

■ 5D482F

■ 5D6A79

■ 5D4426

■ 5D6E83

■ 5D401C

■ 5D728C

■ 5D3C13

■ 5D7695

■ 5D380A

■ 5D7A9E

■ 5D3400

■ 5D7EA8

# Harmonies

## Analogous

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



5F5855



5D5954



5A5A54

# Triad

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



5D5954



535B5B



5C585D

# Complementary

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



5D5954



54585D

# 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.



59595F



5D5954



535B5E

# Square

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



5D5954



545B58



565A5F



5F585B

# Rectangle

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



5D5954



585B55



565A5F



5B595E



# Sweetspot

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



5D5954



787674



5D5458



3D3C3B



BDBDBD



3D3D3D



# Same Dimension

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



5D5954



787169



5D5D54



2E2C29



6E3D00



ED8400



# Inverse Universe

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



54585D



697078



54545D



292B2E



00316E



0069ED



# Previews

## White Background



This preview shows how the Hex color 5D5954 looks on a white background.

## Color Contrast Check

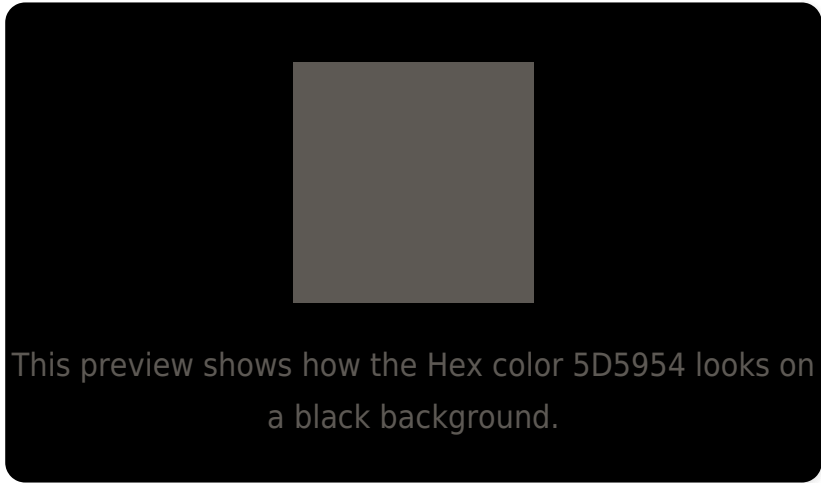
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

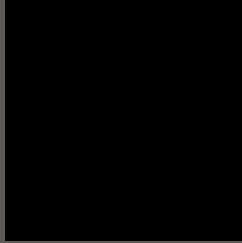
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D5954 Background



This preview shows how black text looks on a background with the Hex color 5D5954.



This preview shows how white text looks on a background with the Hex color 5D5954.

# 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**  
5D5954

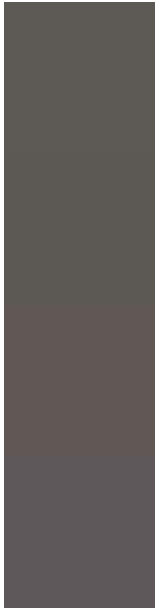
**Protanopia**  
5C5954

**Deuteranopia**  
645654



**Tritanopia**  
5E575E

# Trichromacy



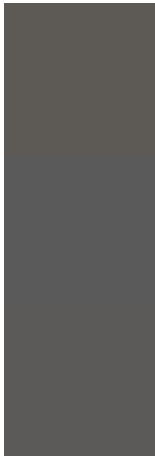
**Original Color**  
5D5954

**Protanomaly**  
5C5954

**Deuteranomaly**  
615754

**Tritanomaly**  
5E585A

# Monochromacy



**Original Color**  
5D5954

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
5B5A58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D5954 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 #5D5954 looks like.

```
.text, #text, p{  
    color:#5D5954  
}
```

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 #5D5954 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5954
}
```

## Border

The CSS property to change the border of an element to Hex 5D5954 is called "border". The border property can be set on classes, ids or directly on the HTML element.

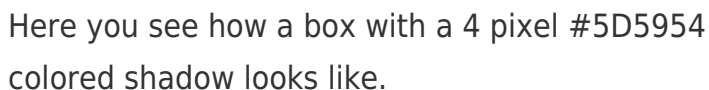
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D5954 }
```

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

```
.border{ border-color:#5D5954 }
```

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



Here you see how a box with a 4 pixel #5D5954 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5954; -webkit-box-shadow:4px 4px  
4px 4px #5D5954; box-shadow:4px 4px 4px  
4px #5D5954 }
```

# Background

The CSS property to change the background color of an element to Hex 5D5954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5954 }
```

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

```
.background{ background-color:#5D5954 }
```

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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