

Converting Colors

Hex(5D5652)

Have a look what the booklet for
Hex(5D5652) contains.

Hex(5D5652)	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(5D5652)

Conversions

Conversions Part 1

Format	Color
Hex	5D5652
RGB	93, 86, 82
RGB Percent	36%, 34%, 32%
CMY	0.6353, 0.6627, 0.6784
CMYK	0.00, 0.08, 0.12, 0.64
HSL	22°, 6%, 34%
HSV	22°, 12%, 36%
XYZ	9.3650, 9.5919, 9.3405
YIQ	87.6370, 5.4560, 0.2400

Conversions

Conversions Part 2

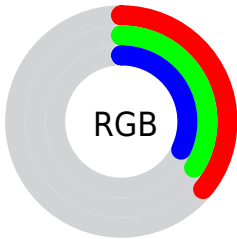
Format	Color
R_{YB}	93, 88, 82
Decimal	6116946
CIE Lab	37.10, 2.06, 3.35
CIE LCh	37, 3.927, 58.400
Yxy	9.5919, 0.3309, 0.3390
Android (android.graphics.Color)	4284307026 (0xFF5D5652)
YUV	87.6370, -2.7790, 4.7034
Hunter-Lab	30.9708, -0.2240, 3.7983

Details

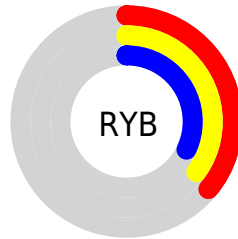
The Hex color **5D5652** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **52595D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **8F8883**, and **2F2925** is the 20% darker color. If you saturate the color by 10%, you get **5D5049**, and if you desaturate by 10%, it is **5D5C5B**.

Distribution



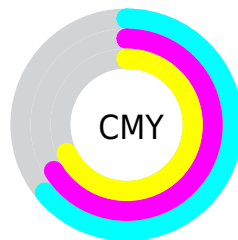
- Red (36%)
- Green (34%)
- Blue (32%)



- Red (36%)
- Yellow (35%)
- Blue (32%)



- Cyan (0%)
- Magenta (8%)
- Yellow (12%)
- Black (64%)



- Cyan (64%)
- Magenta (66%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D5652 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 5D5652 by changing the saturation by 10% instead.

■ 5D5652

■ 5D5652

FFFFFF

■ 453F3B

■ 8F8883

■ 2F2925

■ AAA29D

■ 1B1511

■ C5BDB8

■ 000000

■ E1D9D4

■ FEF5F0

■ 5D5652

■ 5D5652

■ 5D5049

■ 5D5C5B

■ 5D4A3F

■ 5D6265

■ 5D4436

■ 5D686E

■ 5D3E2D

■ 5D6E77

■ 5D3824

■ 5D7481

■ 5D321A

■ 5D7A8A

■ 5D2D11

■ 5D7F93

■ 5D2708

■ 5D859C

■ 5D2200

■ 5D8BA6

Harmonies

Analogous

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



5E5554



5D5652



5A5751

Triad

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



5D5652



505957



58575D

Complementary

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



5D5652



52595D

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.



54585E



5D5652



50595A

Square

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



5D5652



535954



51595D



5B565B

Rectangle

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



5D5652



585851



51595D



56575D

Sweetspot

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



5D5652



787573



5D5259



3D3B3A



BDBDBD



3D3D3D

Same Dimension

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



5D5652



786D67



5D5B52



2E2B29



6E2800



ED5600

Inverse Universe

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



52595D



677278



52545D



292C2E



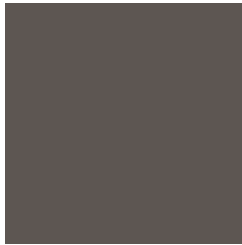
00466E



0097ED

Previews

White Background



This preview shows how the Hex color 5D5652 looks on a white background.

Color Contrast Check

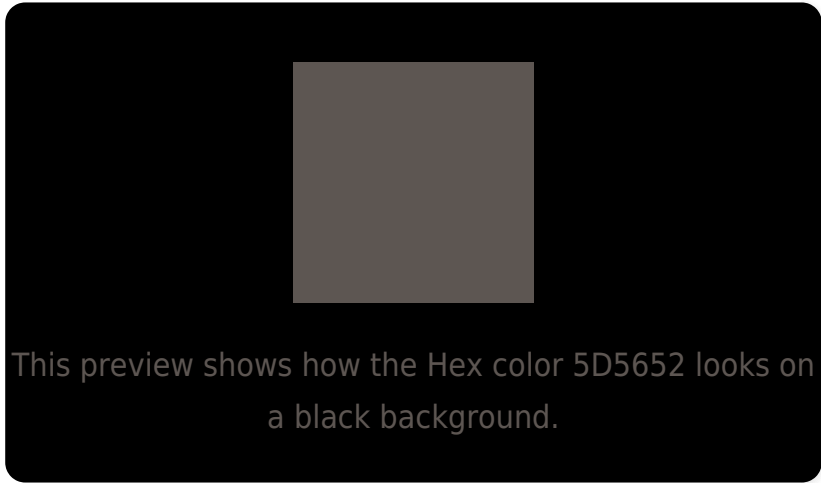
Large Text (above 18pt) WCAG AA ✓ Pass

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

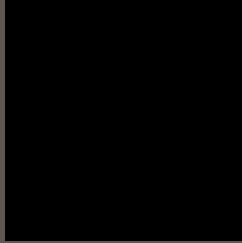
Any Text WCAG AA × Fail

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 5D5652 Background



This preview shows how black text looks on a background with the Hex color 5D5652.

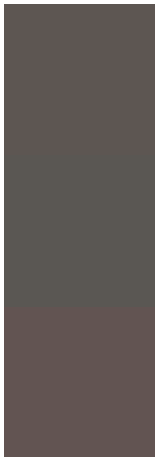


This preview shows how white text looks on a background with the Hex color 5D5652.

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
5D5652

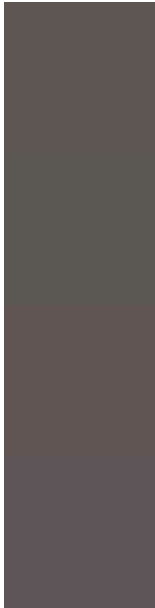
Protanopia
5A5753

Deuteranopia
625452



Tritanopia
5E555B

Trichromacy



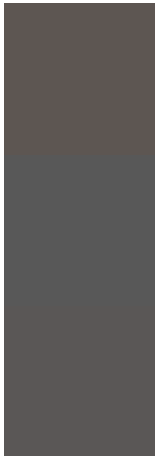
Original Color
5D5652

Protanomaly
5B5753

Deuteranomaly
605552

Tritanomaly
5E5558

Monochromacy



Original Color
5D5652

Achromatopsia
585858

Achromatomaly
5A5756

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D5652 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 #5D5652 looks like.

```
.text, #text, p{  
    color:#5D5652  
}
```

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 #5D5652 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5652
}
```

Border

The CSS property to change the border of an element to Hex 5D5652 is called "border". The border property can be set on classes, ids or directly on the HTML element.

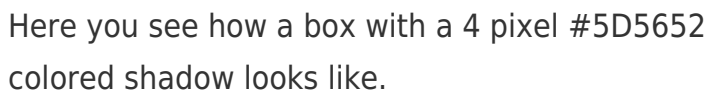
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D5652 }
```

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

```
.border{ border-color:#5D5652 }
```

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



Here you see how a box with a 4 pixel #5D5652 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5652; -webkit-box-shadow:4px 4px  
4px 4px #5D5652; box-shadow:4px 4px 4px  
4px #5D5652 }
```

Background

The CSS property to change the background color of an element to Hex 5D5652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5652 }
```

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

```
.background{ background-color:#5D5652 }
```

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