

Converting Colors

Hex(5D6458)

Have a look what the booklet for
Hex(5D6458) contains.

Hex(5D6458)	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(5D6458)

Conversions

Conversions Part 1

Format	Color
Hex	5D6458
RGB	93, 100, 88
RGB Percent	36%, 39%, 35%
CMY	0.6353, 0.6078, 0.6549
CMYK	0.07, 0.00, 0.12, 0.61
HSL	95°, 6%, 37%
HSV	95°, 12%, 39%
XYZ	10.8328, 12.1461, 11.0060
YIQ	96.5390, -0.3200, -5.2160

Conversions

Conversions Part 2

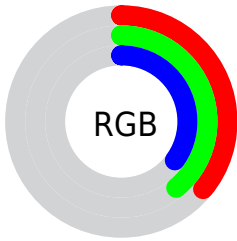
Format	Color
R_{YB}	88, 100, 95
Decimal	6120536
CIE Lab	41.45, -5.20, 5.88
CIE LCh	41, 7.849, 131.458
Yxy	12.1461, 0.3188, 0.3574
Android (android.graphics.Color)	4284310616 (0xFF5D6458)
YUV	96.5390, -4.2097, -3.1037
Hunter-Lab	34.8512, -5.5064, 5.6721

Details

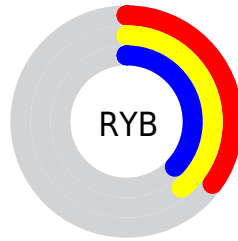
The Hex color **5D6458** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5F5864**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8F978A**, and **2F352B** is the 20% darker color. If you saturate the color by 10%, you get **57644E**, and if you desaturate by 10%, it is **636462**.

Distribution



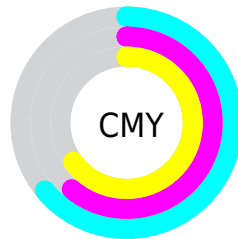
- Red (36%)
- Green (39%)
- Blue (35%)



- Red (35%)
- Yellow (39%)
- Blue (37%)



- Cyan (7%)
- Magenta (0%)
- Yellow (12%)
- Black (61%)



- Cyan (64%)
- Magenta (61%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D6458 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 5D6458 by changing the saturation by 10% instead.



5D6458



5D6458

FFFFFF



454C41



8F978A



2F352B



AAB1A4



1A2016



C5CDBF



000900



E1E9DB



000000



FEFFF8



5D6458



5D6458



57644E



636462



516444



69646C

■ 4C643A

■ 6F6476

■ 466430

■ 746480

■ 406426

■ 7A648A

■ 3A641C

■ 806494

■ 346412

■ 86649E

■ 2E6408

■ 8C64A8

■ 2A6400

■ 9264B2

Harmonies

Analogous

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



646255



5D6458



56655D

Triad

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



5D6458



57646E



6F5D5F

Complementary

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



5D6458



5F5864

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.



6C5E66



5D6458



5E616E

Square

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



5D6458



52656A



665F6B



6F5E59

Rectangle

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



5D6458



536662



665F6B



6F5D62

Sweetspot

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



5D6458



7F827D



645F58



40423F



C2C2C2



424242

Same Dimension

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



5D6458



778270



586459



30332E



307300



65F200

Inverse Universe

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



5F5864



7A7082



645863



312E33



430073



8D00F2

Previews

White Background



This preview shows how the Hex color 5D6458 looks on a white background.

Color Contrast Check

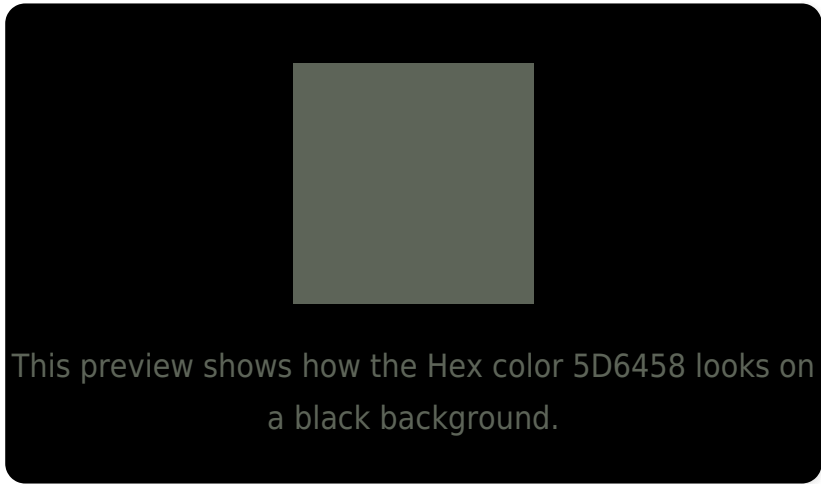
Large Text (above 18pt) WCAG AA ✓ Pass

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

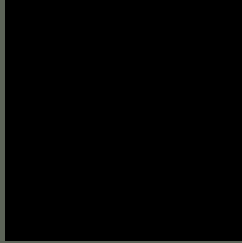
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

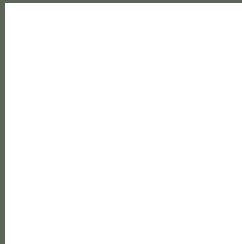
Any Text WCAG AAA × Fail

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

Hex 5D6458 Background



This preview shows how black text looks on a background with the Hex color 5D6458.

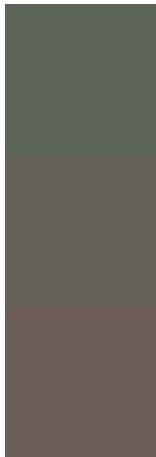


This preview shows how white text looks on a background with the Hex color 5D6458.

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
5D6458

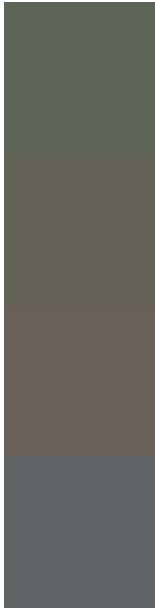
Protanopia
666157

Deuteranopia
6E5E59



Tritanopia
606269

Trichromacy



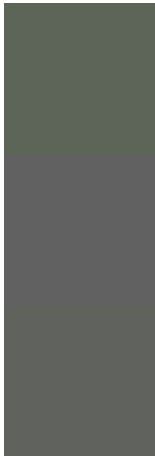
Original Color
5D6458

Protanomaly
636257

Deuteranomaly
686059

Tritanomaly
5F6363

Monochromacy



Original Color
5D6458

Achromatopsia
616161

Achromatomaly
60625E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D6458 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 #5D6458 looks like.

```
.text, #text, p{  
    color:#5D6458  
}
```

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 #5D6458 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6458
}
```

Border

The CSS property to change the border of an element to Hex 5D6458 is called "border". The border property can be set on classes, ids or directly on the HTML element.

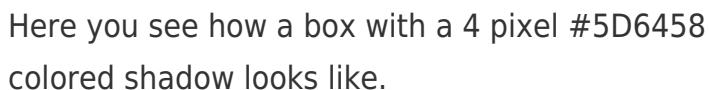
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D6458 }
```

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

```
.border{ border-color:#5D6458 }
```

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



Here you see how a box with a 4 pixel #5D6458 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6458; -webkit-box-shadow:4px 4px  
4px 4px #5D6458; box-shadow:4px 4px 4px  
4px #5D6458 }
```

Background

The CSS property to change the background color of an element to Hex 5D6458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6458 }
```

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

```
.background{ background-color:#5D6458 }
```

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