

Converting Colors

Hex(5D4640)

Have a look what the booklet for
Hex(5D4640) contains.

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Color

Hex(5D4640)

Conversions

Conversions Part 1

Format	Color
Hex	5D4640
RGB	93, 70, 64
RGB Percent	36%, 27%, 25%
CMY	0.6353, 0.7255, 0.7490
CMYK	0.00, 0.25, 0.31, 0.64
HSL	12°, 18%, 31%
HSV	12°, 31%, 36%
XYZ	7.6298, 7.0776, 5.8145
YIQ	76.1930, 15.6340, 3.0100

Conversions

Conversions Part 2

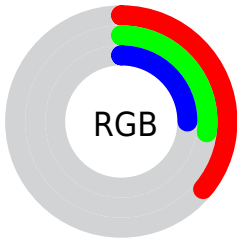
Format	Color
RYB	93, 72, 64
Decimal	6112832
CIELab	31.98, 8.87, 7.41
CIELCh	32, 11.557, 39.907
Yxy	7.0776, 0.3718, 0.3449
Android (android.graphics.Color)	4284302912 (0xFF5D4640)
YUV	76.1930, -6.0111, 14.7397
Hunter-Lab	26.6038, 4.6357, 5.6644

Details

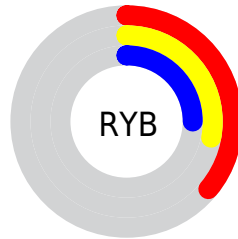
The Hex color **5D4640** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **40575D**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **907670**, and **2E1B16** is the 20% darker color. If you saturate the color by 10%, you get **5D3F37**, and if you desaturate by 10%, it is **5D4D49**.

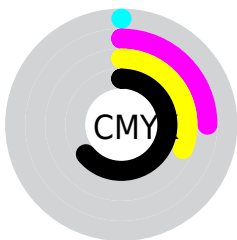
Distribution



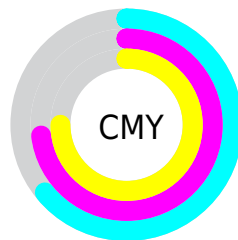
- Red (36%)
- Green (27%)
- Blue (25%)



- Red (36%)
- Yellow (28%)
- Blue (25%)



- Cyan (0%)
- Magenta (25%)
- Yellow (31%)
- Black (64%)



- Cyan (64%)
- Magenta (73%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D4640 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 5D4640 by changing the saturation by 10% instead.

■ 5D4640

■ 5D4640

FFFFFF

■ 45302A

■ 907670

■ 2E1B16

■ AB9089

■ 1A0000

■ C6ABA3

■ 000000

■ E2C6BE

■ FFE2DA

■ FFFFF7

■ 5D4640

■ 5D4640

■ 5D3F37

■ 5D4D49

 5D372D

 5D5553

 5D3024

 5D5C5C

 5D281B

 5D6465

 5D2111

 5D6B6F

 5D1A08

 5D7278

 5D1300

 5D7A81

 5D818A

 5D8894

Harmonies

Analogous

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



5E4548



5D4640



58493A

Triad

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



5D4640



3B5045



454B5D

Complementary

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



5D4640



40575D

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.



394E5C



5D4640



34504E

Square

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



5D4640



454E3D



335057



514859

Rectangle

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



5D4640



524B39



335057



414C5D

Sweetspot

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



5D4640



786F6D



5D4057



3D3836



BDBDBD



3D3D3D

Same Dimension

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



5D4640



78554C



5D5440



2E2A29



6E1700



ED3100

Inverse Universe

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



40575D



4C6F78



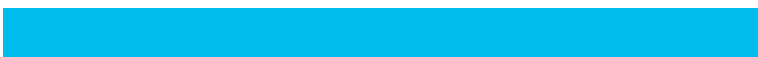
40495D



292D2E



00576E



00BCED

Previews

White Background



This preview shows how the Hex color 5D4640 looks on a white background.

Color Contrast Check

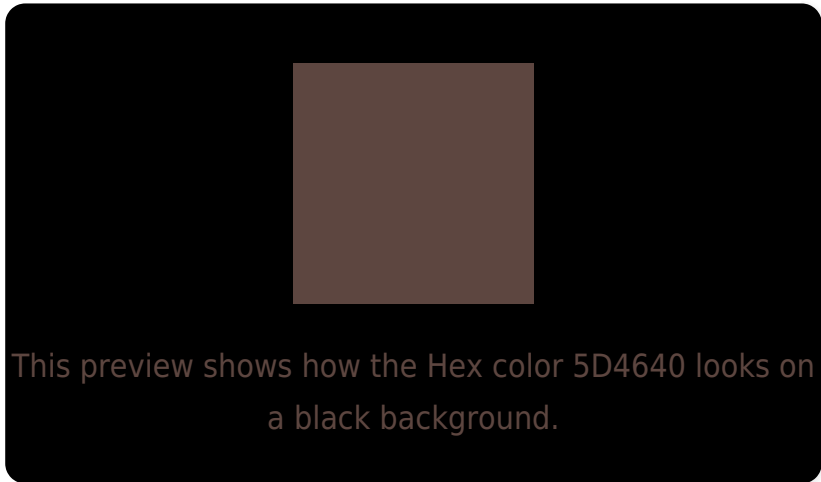
Large Text (above 18pt) WCAG AA ✓ Pass

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

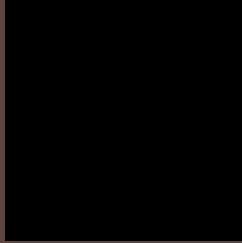
Any Text WCAG AA × Fail

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 5D4640 Background



This preview shows how black text looks on a background with the Hex color 5D4640.

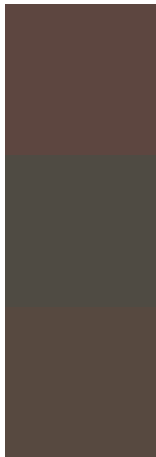


This preview shows how white text looks on a background with the Hex color 5D4640.

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
5D4640

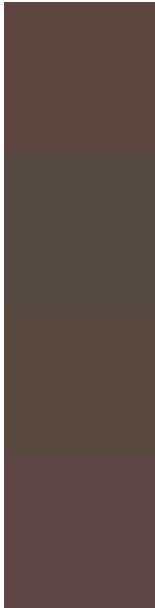
Protanopia
4F4B43

Deuteranopia
574940



Tritanopia
5E454A

Trichromacy



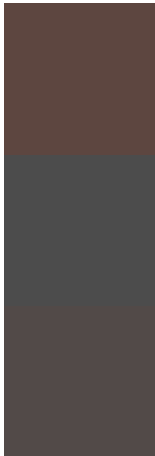
Original Color
5D4640

Protanomaly
544942

Deuteranomaly
594840

Tritanomaly
5E4546

Monochromacy



Original Color
5D4640

Achromatopsia
4C4C4C

Achromatomaly
524A48

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D4640 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 #5D4640 looks like.

```
.text, #text, p{  
    color:#5D4640  
}
```

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 #5D4640 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D4640
}
```

Border

The CSS property to change the border of an element to Hex 5D4640 is called "border". The border property can be set on classes, ids or directly on the HTML element.

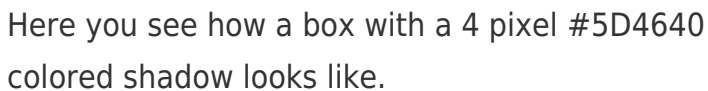
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D4640 }
```

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

```
.border{ border-color:#5D4640 }
```

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



Here you see how a box with a 4 pixel #5D4640 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D4640; -webkit-box-shadow:4px 4px  
4px 4px #5D4640; box-shadow:4px 4px 4px  
4px #5D4640 }
```

Background

The CSS property to change the background color of an element to Hex 5D4640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D4640 }
```

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

```
.background{ background-color:#5D4640 }
```

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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