

Converting Colors

Hex(5D3742)

Have a look what the booklet for
Hex(5D3742) contains.

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Color

Hex(5D3742)

Conversions

Conversions Part 1

Format	Color
Hex	5D3742
RGB	93, 55, 66
RGB Percent	36%, 22%, 26%
CMY	0.6353, 0.7843, 0.7412
CMYK	0.00, 0.41, 0.29, 0.64
HSL	343°, 26%, 29%
HSV	343°, 41%, 36%
XYZ	6.8638, 5.4529, 5.8450
YIQ	67.6160, 19.1170, 11.4770

Conversions

Conversions Part 2

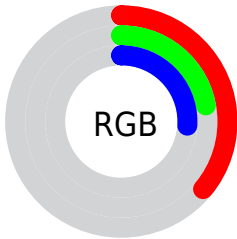
Format	Color
R_{YB}	93, 55, 66
Decimal	6108994
CIE _{Lab}	27.99, 18.61, 0.39
CIE _{LCh}	28, 18.616, 1.215
Yxy	5.4529, 0.3779, 0.3002
Android (android.graphics.Color)	4284299074 (0xFF5D3742)
YUV	67.6160, -0.7967, 22.2618
Hunter-Lab	23.3514, 11.6022, 1.5053




Details

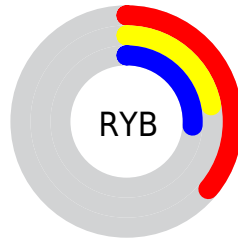
The Hex color **5D3742** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **375D52**, and the grayscale version is **444444**.




A 20% lighter version of the original color is **906772**, and **2D0C18** is the 20% darker color. If you saturate the color by 10%, you get **5D2E3B**, and if you desaturate by 10%, it is **5D4049**.

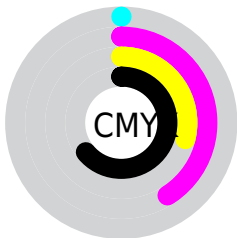
Distribution







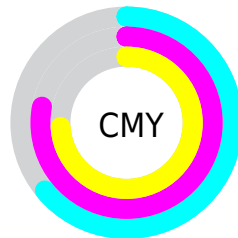
-  Red (36%)
-  Green (22%)
-  Blue (26%)






-  Red (36%)
-  Yellow (22%)
-  Blue (26%)



-  Cyan (0%)
-  Magenta (41%)
-  Yellow (29%)
-  Black (64%)



-  Cyan (64%)
-  Magenta (78%)
-  Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D3742 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 5D3742 by changing the saturation by 10% instead.

■ 5D3742

■ 5D3742

FFFFFF

■ 45212C

■ 906772

■ 2D0C18

■ AB808B

■ 160000

■ C79AA6

■ 000000

■ E3B5C1

■ FFD0DD

■ FFEDF9

■ 5D3742

■ 5D3742

■ 5D2E3B

■ 5D4049

■ 5D2435

■ 5D4A4F

■ 5D1B2E

■ 5D5356

■ 5D1228

■ 5D5C5C

■ 5D0921

■ 5D6663

■ 5D001B

■ 5D6F6A

■ 5D7870

■ 5D8177

■ 5D8B7D

Harmonies

Analogous

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



553950



5D3742



5D3834

Triad

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



5D3742



3C4629



17475B

Complementary

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



5D3742



375D52

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.



094950



5D3742



2B4834

Square

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



5D3742



4B4125



184A42



2F435E

Rectangle

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



5D3742



5A3B2C



184A42



0F4858

Sweetspot

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



5D3742



78696E



52375D



3D3537



BDBDBD



3D3D3D

Same Dimension

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



5D3742



783D4E



5D3F37



2E292B



6E0020



ED0045

Inverse Universe

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



5D3742



783D4E



37555D



2E292B



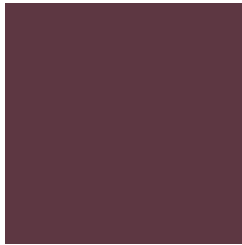
6E0020



ED0045

Previews

White Background



This preview shows how the Hex color 5D3742 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

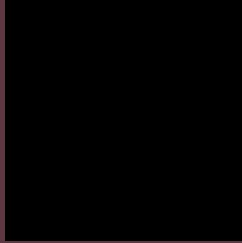
Any Text WCAG AA × Fail

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 5D3742 Background



This preview shows how black text looks on a background with the Hex color 5D3742.



This preview shows how white text looks on a background with the Hex color 5D3742.

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
5D3742

Protanopia
424249

Deuteranopia
4A4040



Tritanopia
5C383C

Trichromacy



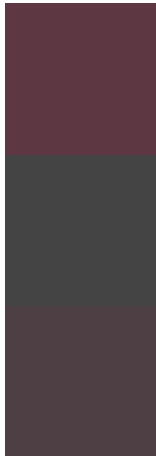
Original Color
5D3742

Protanomaly
4C3E46

Deuteranomaly
513D41

Tritanomaly
5C383E

Monochromacy



Original Color
5D3742

Achromatopsia
444444

Achromatomaly
4D3F43

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D3742 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 #5D3742 looks like.

```
.text, #text, p{  
    color:#5D3742  
}
```

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 #5D3742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D3742
}
```

Border

The CSS property to change the border of an element to Hex 5D3742 is called "border". The border property can be set on classes, ids or directly on the HTML element.

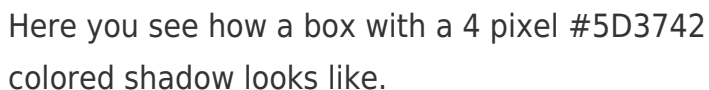
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D3742 }
```

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

```
.border{ border-color:#5D3742 }
```

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



Here you see how a box with a 4 pixel #5D3742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D3742; -webkit-box-shadow:4px 4px  
4px 4px #5D3742; box-shadow:4px 4px 4px  
4px #5D3742 }
```

Background

The CSS property to change the background color of an element to Hex 5D3742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D3742 }
```

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

```
.background{ background-color:#5D3742 }
```

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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