

Converting Colors

Hex(5F4732)

Have a look what the booklet for
Hex(5F4732) contains.

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Color

Hex(5F4732)

Conversions

Conversions Part 1

Format	Color
Hex	5F4732
RGB	95, 71, 50
RGB Percent	37%, 28%, 20%
CMY	0.6275, 0.7216, 0.8039
CMYK	0.00, 0.25, 0.47, 0.63
HSL	28°, 31%, 28%
HSV	28°, 47%, 37%
XYZ	7.5483, 7.1697, 4.0037
YIQ	75.7820, 21.0450, -1.4430

Conversions

Conversions Part 2

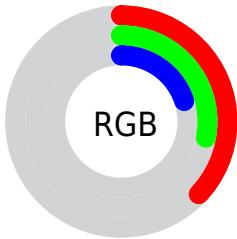
Format	Color
RYB	95, 89, 50
Decimal	6244146
CIELab	32.19, 7.20, 16.58
CIELCh	32, 18.077, 66.520
Yxy	7.1697, 0.4032, 0.3830
Android (android.graphics.Color)	4284434226 (0xFF5F4732)
YUV	75.7820, -12.7105, 16.8542
Hunter-Lab	26.7762, 3.4611, 9.8781

Details

The Hex color **5F4732** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **324A5F**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **937761**, and **2F1C04** is the 20% darker color. If you saturate the color by 10%, you get **5F4229**, and if you desaturate by 10%, it is **5F4C3B**.

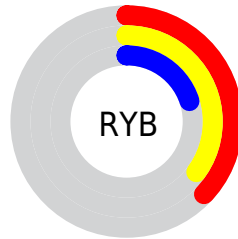
Distribution



Red (37%)

Green (28%)

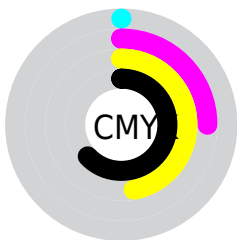
Blue (20%)



Red (37%)

Yellow (35%)

Blue (20%)

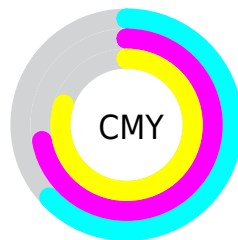


Cyan (0%)

Magenta (25%)

Yellow (47%)

Black (63%)



Cyan (63%)

Magenta (72%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F4732 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 5F4732 by changing the saturation by 10% instead.

■ 5F4732

■ 5F4732

FFFFFF

■ 46311D

■ 937761

■ 2F1C04

■ AE9179

■ 190200

■ CAAC93

■ 000000

■ E6C7AE

■ FFE3C9

■ FFFFEE

■ 5F4732

■ 5F4732

■ 5F4229

■ 5F4C3B

■ 5F3D1F

■ 5F5145

■ 5F3815

■ 5F564E

■ 5F330C

■ 5F5B58

■ 5F2E02

■ 5F6062

■ 5F2C00

■ 5F656B

■ 5F6A75

■ 5F707E

■ 5F7588

Harmonies

Analogous

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



67433C



5F4732



524C2F

Triad

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



5F4732



22544E



524763

Complementary

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



5F4732



324A5F

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.



3D4C68



5F4732



1C535C

Square

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



5F4732



325340



285065



604357

Rectangle

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



5F4732



484F32



285065



4B4965

Sweetspot

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



5F4732



7A7169



5F324A



3D3833



BDBDBD



3D3D3D

Same Dimension

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



5F4732



7A5535



5F5E32



302E2C



703400



F07000

Inverse Universe

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



324A5F



355A7A



32335F



2C2E30



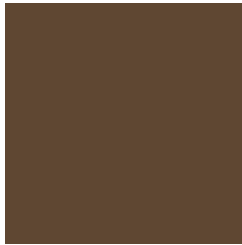
003C70



0080F0

Previews

White Background



This preview shows how the Hex color 5F4732 looks on a white background.

Color Contrast Check

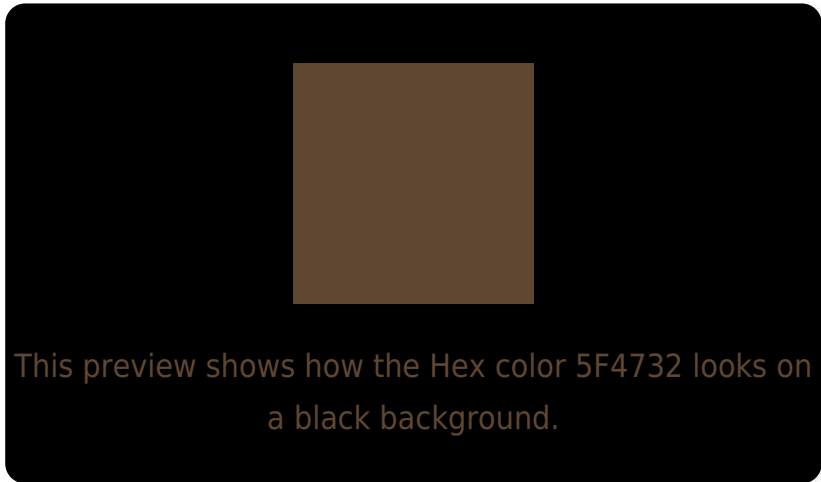
Large Text (above 18pt) WCAG AA ✓ Pass

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 5F4732 Background



This preview shows how black text looks on a background with the Hex color 5F4732.

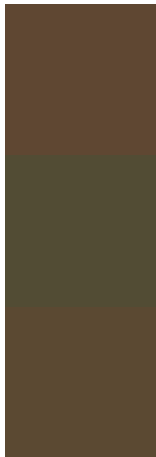


This preview shows how white text looks on a background with the Hex color 5F4732.

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
5F4732

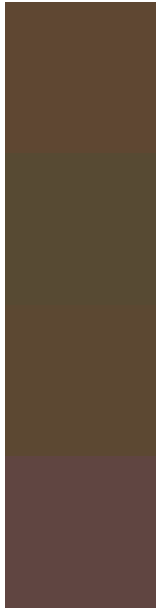
Protanopia
524C34

Deuteranopia
5B4932



Tritanopia
614449

Trichromacy



Original Color
5F4732

Protanomaly
574A33

Deuteranomaly
5C4832

Tritanomaly
604541

Monochromacy



Original Color
5F4732

Achromatopsia
4C4C4C

Achromatomaly
534A43

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F4732 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 #5F4732 looks like.

```
.text, #text, p{  
    color:#5F4732  
}
```

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 #5F4732 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4732
}
```

Border

The CSS property to change the border of an element to Hex 5F4732 is called "border". The border property can be set on classes, ids or directly on the HTML element.

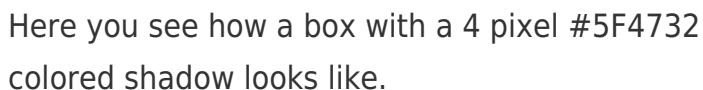
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F4732 }
```

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

```
.border{ border-color:#5F4732 }
```

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



Here you see how a box with a 4 pixel #5F4732 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4732; -webkit-box-shadow:4px 4px  
4px 4px #5F4732; box-shadow:4px 4px 4px  
4px #5F4732 }
```

Background

The CSS property to change the background color of an element to Hex 5F4732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4732 }
```

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

```
.background{ background-color:#5F4732 }
```

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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