

Converting Colors

Hex(5E4932)

Have a look what the booklet for
Hex(5E4932) contains.

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Color

Hex(5E4932)

Conversions

Conversions Part 1

Format	Color
Hex	5E4932
RGB	94, 73, 50
RGB Percent	37%, 29%, 20%
CMY	0.6314, 0.7137, 0.8039
CMYK	0.00, 0.22, 0.47, 0.63
HSL	31°, 31%, 28%
HSV	31°, 47%, 37%
XYZ	7.5744, 7.3751, 4.0419
YIQ	76.6570, 19.8990, -2.7010

Conversions

Conversions Part 2

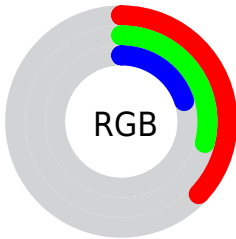
Format	Color
RYB	90, 94, 50
Decimal	6179122
CIELab	32.65, 5.48, 17.15
CIELCh	33, 18.010, 72.270
Yxy	7.3751, 0.3988, 0.3883
Android (android.graphics.Color)	4284369202 (0xFF5E4932)
YUV	76.6570, -13.1419, 15.2098
Hunter-Lab	27.1571, 2.2605, 10.1855




Details

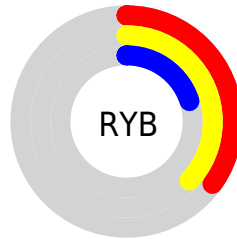
The Hex color **5E4932** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **32475E**, and the grayscale version is **4D4D4D**.




A 20% lighter version of the original color is **927A61**, and **2F1D04** is the 20% darker color. If you saturate the color by 10%, you get **5E4529**, and if you desaturate by 10%, it is **5E4D3B**.

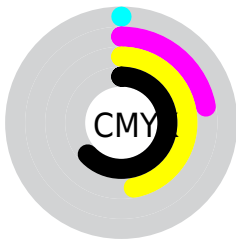
Distribution







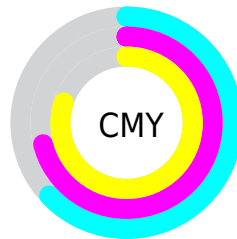
-  Red (37%)
-  Green (29%)
-  Blue (20%)






-  Red (35%)
-  Yellow (37%)
-  Blue (20%)



-  Cyan (0%)
-  Magenta (22%)
-  Yellow (47%)
-  Black (63%)



-  Cyan (63%)
-  Magenta (71%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E4932 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 5E4932 by changing the saturation by 10% instead.

■ 5E4932

■ 5E4932

FFFFFF

■ 46331D

■ 927A61

■ 2F1D04

■ AD9379

■ 180500

■ C8AE93

■ 000000

■ E5C9AE

■ FFE5C9

■ FFFFEE

■ 5E4932

■ 5E4932

■ 5E4529

■ 5E4D3B

■ 5E401F

■ 5E5245

■ 5E3C16

■ 5E564E

■ 5E370C

■ 5E5B58

■ 5E3303

■ 5E5F61

■ 5E3100

■ 5E646A

■ 5E6874

■ 5E6D7D

■ 5E7187

Harmonies

Analogous

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



67453A



5E4932



514E31

Triad

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



5E4932



215552



564762

Complementary

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



5E4932



32475E

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.



434C68



5E4932



1E535F

Square

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



5E4932



305444



2D5167



634356

Rectangle

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



5E4932



465034



2D5167



504965

Sweetspot

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



5E4932



7A7269



5E3247



3D3833



BDBDBD



3D3D3D

Same Dimension

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



5E4932



7A5A36



5D5E32



2E2C29



6E3900



ED7C00

Inverse Universe

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



32475E



36577A



33325E



292C2E



00346E



0071ED

Previews

White Background



This preview shows how the Hex color 5E4932 looks on a white background.

Color Contrast Check

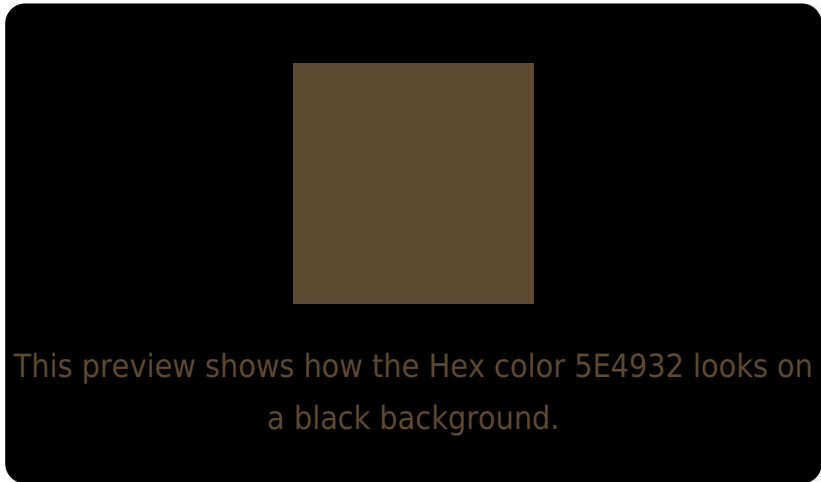
Large Text (above 18pt) WCAG AA ✓ Pass

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

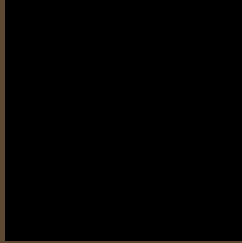
Any Text WCAG AA × Fail

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 5E4932 Background



This preview shows how black text looks on a background with the Hex color 5E4932.

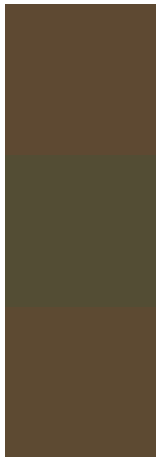


This preview shows how white text looks on a background with the Hex color 5E4932.

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
5E4932

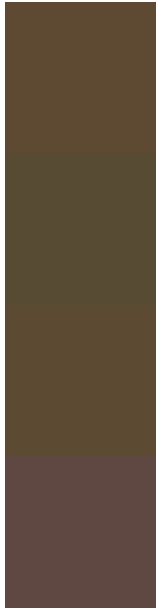
Protanopia
534D34

Deuteranopia
5D4A32



Tritanopia
60464B

Trichromacy



Original Color
5E4932

Protanomaly
574C33

Deuteranomaly
5D4A32

Tritanomaly
5F4742

Monochromacy



Original Color
5E4932

Achromatopsia
4D4D4D

Achromatomaly
534C43

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E4932 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 #5E4932 looks like.

```
.text, #text, p{  
    color:#5E4932  
}
```

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 #5E4932 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E4932
}
```

Border

The CSS property to change the border of an element to Hex 5E4932 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".

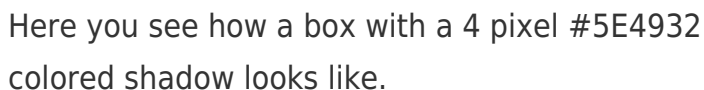
```
.border, #border, table{ border:4px solid
#5E4932 }
```

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

```
.border{ border-color:#5E4932 }
```

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

Here you see how a box with a 4 pixel #5E4932 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E4932; -webkit-box-shadow:4px 4px  
4px 4px #5E4932; box-shadow:4px 4px 4px  
4px #5E4932 }
```

Background

The CSS property to change the background color of an element to Hex 5E4932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E4932 }
```

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

```
.background{ background-color:#5E4932 }
```

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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