

Converting Colors

Hex(5B4146)

Have a look what the booklet for
Hex(5B4146) contains.

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Color

Hex(5B4146)

Conversions

Conversions Part 1

Format	Color
Hex	5B4146
RGB	91, 65, 70
RGB Percent	36%, 25%, 27%
CMY	0.6431, 0.7451, 0.7255
CMYK	0.00, 0.29, 0.23, 0.64
HSL	348°, 17%, 31%
HSV	348°, 29%, 36%
XYZ	7.3102, 6.4469, 6.6534
YIQ	73.3440, 13.8910, 7.0670

Conversions

Conversions Part 2

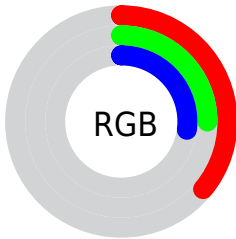
Format	Color
R_{YB}	91, 65, 70
Decimal	5980486
CIE _{Lab}	30.51, 12.15, 1.42
CIE _{LCh}	31, 12.229, 6.665
Yxy	6.4469, 0.3582, 0.3159
Android (android.graphics.Color)	4284170566 (0xFF5B4146)
YUV	73.3440, -1.6486, 15.4843
Hunter-Lab	25.3908, 6.9573, 2.2371

Details

The Hex color **5B4146** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **415B56**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **8E7176**, and **2C161B** is the 20% darker color. If you saturate the color by 10%, you get **5B383F**, and if you desaturate by 10%, it is **5B4A4D**.

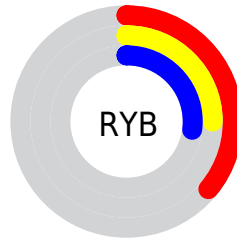
Distribution



 Red (36%)

 Green (25%)

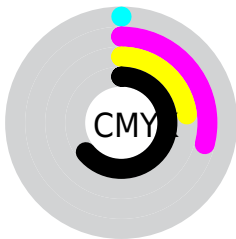
 Blue (27%)



 Red (36%)

 Yellow (25%)

 Blue (27%)

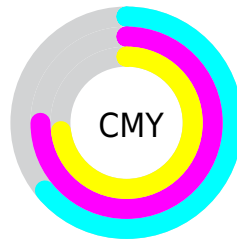


 Cyan (0%)

 Magenta (29%)

 Yellow (23%)

 Black (64%)



 Cyan (64%)

 Magenta (75%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B4146 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 5B4146 by changing the saturation by 10% instead.

■ 5B4146

■ 5B4146

FFFFFF

■ 432B30

■ 8E7176

■ 2C161B

■ A88B90

■ 1A0000

■ C4A5AA

■ 000000

■ E0C0C6

■ FDDCE2

■ FFF9FE

■ 5B4146

■ 5B4146

■ 5B383F

■ 5B4A4D

 5B2F37

 5B5355

 5B2630

 5B5C5C

 5B1D29

 5B6563

 5B1321

 5B6E6B

 5B0A1A

 5B7872

 5B0113

 5B8179

 5B0012

 5B8A81

 5B9388

Harmonies

Analogous

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



564250



5B4146



5B423D

Triad

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



5B4146



424B38



334B59

Complementary

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



5B4146



415B56

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.



2D4D53



5B4146



384D40

Square

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



5B4146



4D4835



2F4D4A



3F485B

Rectangle

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



5B4146



584438



2F4D4A



304C57

Sweetspot

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



5B4146



756B6D



56415B



3B3435



BABABA



3B3B3B

Same Dimension

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



5B4146



754D55



5B4941



2E292A



6E0015



ED002E

Inverse Universe

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



5B4146



754D55



41535B



2E292A



6E0015



ED002E

Previews

White Background



This preview shows how the Hex color 5B4146 looks on a white background.

Color Contrast Check

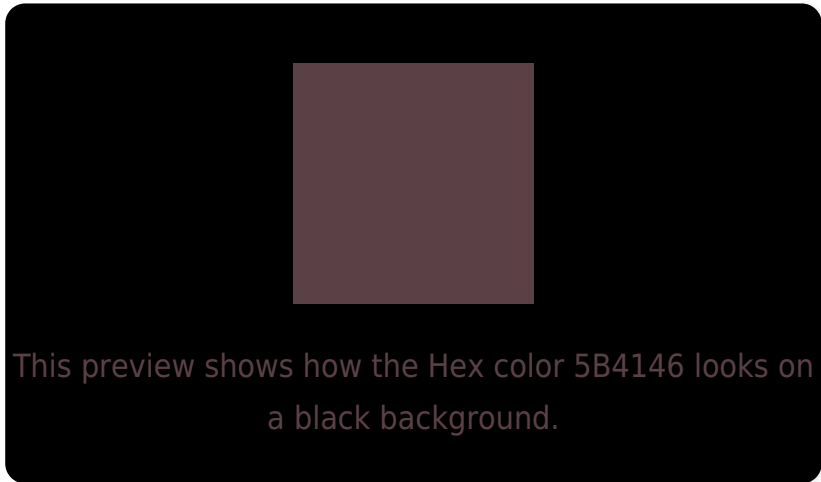
Large Text (above 18pt) WCAG AA ✓ Pass

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

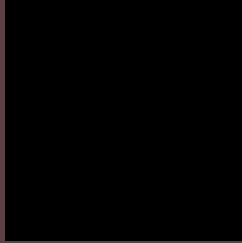
Any Text WCAG AA × Fail

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 5B4146 Background



This preview shows how black text looks on a background with the Hex color 5B4146.

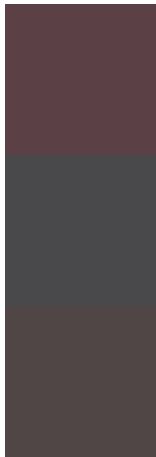


This preview shows how white text looks on a background with the Hex color 5B4146.

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
5B4146

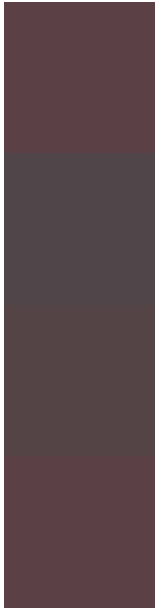
Protanopia
49484A

Deuteranopia
504645



Tritanopia
5B4146

Trichromacy



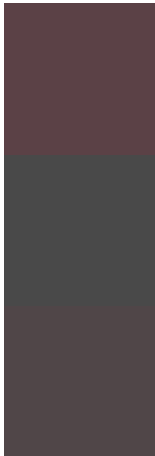
Original Color
5B4146

Protanomaly
504549

Deuteranomaly
544445

Tritanomaly
5B4146

Monochromacy



Original Color
5B4146

Achromatopsia
494949

Achromatomaly
504648

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B4146 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 #5B4146 looks like.

```
.text, #text, p{  
    color:#5B4146  
}
```

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 #5B4146 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4146
}
```

Border

The CSS property to change the border of an element to Hex 5B4146 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".

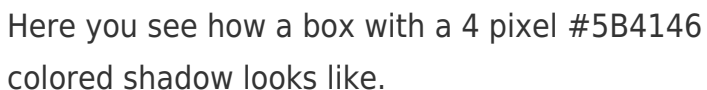
```
.border, #border, table{ border:4px solid
#5B4146 }
```

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

```
.border{ border-color:#5B4146 }
```

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

Here you see how a box with a 4 pixel #5B4146 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4146; -webkit-box-shadow:4px 4px  
4px 4px #5B4146; box-shadow:4px 4px 4px  
4px #5B4146 }
```

Background

The CSS property to change the background color of an element to Hex 5B4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4146 }
```

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

```
.background{ background-color:#5B4146 }
```

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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