

Converting Colors

Hex(5B4045)

Have a look what the booklet for
Hex(5B4045) contains.

Hex(5B4045)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5B4045)

Conversions

Conversions Part 1

Format	Color
Hex	5B4045
RGB	91, 64, 69
RGB Percent	36%, 25%, 27%
CMY	0.6431, 0.7490, 0.7294
CMYK	0.00, 0.30, 0.24, 0.64
HSL	349°, 17%, 30%
HSV	349°, 30%, 36%
XYZ	7.2220, 6.3206, 6.4696
YIQ	72.6430, 14.4870, 7.2790

Conversions

Conversions Part 2

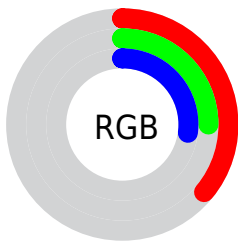
Format	Color
R_YB	91, 64, 69
Decimal	5980229
CIE Lab	30.21, 12.61, 1.62
CIE LCh	30, 12.710, 7.343
Yxy	6.3206, 0.3609, 0.3158
Android (android.graphics.Color)	4284170309 (0xFF5B4045)
YUV	72.6430, -1.7960, 16.0991
Hunter-Lab	25.1408, 7.2795, 2.3413

Details

The Hex color **5B4045** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **405B56**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **8E7075**, and **2C151A** is the 20% darker color. If you saturate the color by 10%, you get **5B373E**, and if you desaturate by 10%, it is **5B494C**.

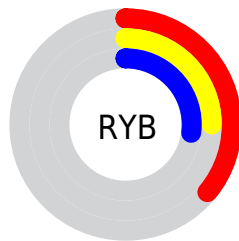
Distribution



Red (36%)

Green (25%)

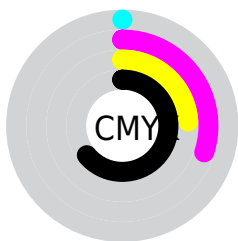
Blue (27%)



Red (36%)

Yellow (25%)

Blue (27%)

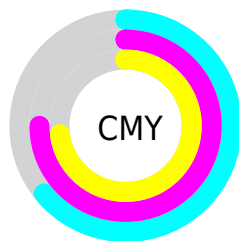


Cyan (0%)

Magenta (30%)

Yellow (24%)

Black (64%)



Cyan (64%)

Magenta (75%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B4045 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 5B4045 by changing the saturation by 10% instead.

■ 5B4045

■ 5B4045

FFFFFF

■ 432A2F

■ 8E7075

■ 2C151A

■ A8898F

■ 1A0000

■ C4A4A9

■ 000000

■ E0BFC4

■ FDDBE0

■ FFF7FD

■ 5B4045

■ 5B4045

■ 5B373E

■ 5B494C

 5B2E36

 5B5254

 5B252F

 5B5B5B

 5B1C27

 5B6463

 5B1320

 5B6E6A

 5B0919

 5B7771

 5B0011

 5B8079

 5B8980

 5B9288

Harmonies

Analogous

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



56414F



5B4045



5A413C

Triad

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



5B4045



414A37



324A59

Complementary

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



5B4045



405B56

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.



2B4C53



5B4045



364C3F

Square

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



5B4045



4C4734



2D4D49



3F475B

Rectangle

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



5B4045



574337



2D4D49



2F4B57

Sweetspot

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



5B4045



756B6D



56405B



3B3435



BABABA



3B3B3B

Same Dimension

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



5B4045



754B53



5B4840



2E292A



6E0014



ED002C

Inverse Universe

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



5B4045



754B53



40535B



2E292A



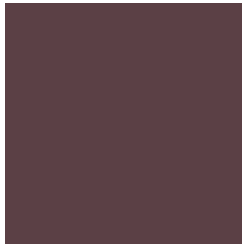
6E0014



ED002C

Previews

White Background



This preview shows how the Hex color 5B4045 looks on a white background.

Color Contrast Check

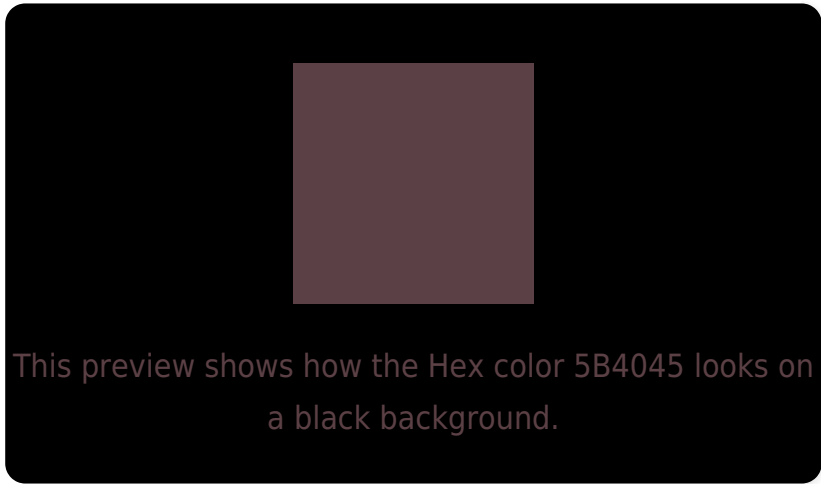
Large Text (above 18pt) WCAG AA ✓ Pass

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

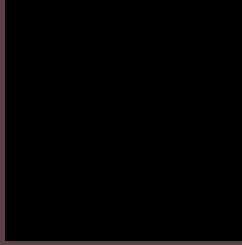
Any Text WCAG AA × Fail

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 5B4045 Background



This preview shows how black text looks on a background with the Hex color 5B4045.

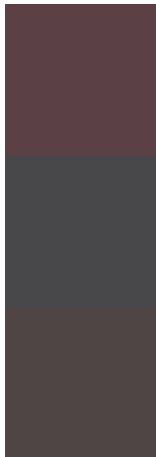


This preview shows how white text looks on a background with the Hex color 5B4045.

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
5B4045

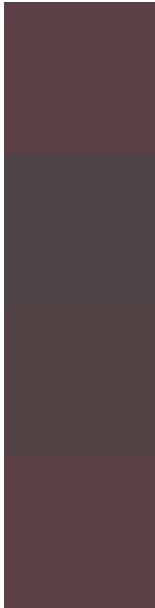
Protanopia
484749

Deuteranopia
4F4544



Tritanopia
5B4045

Trichromacy



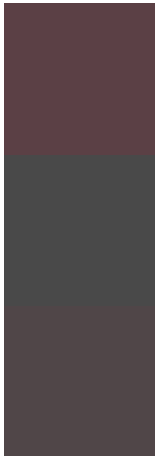
Original Color
5B4045

Protanomaly
4F4448

Deuteranomaly
534344

Tritanomaly
5B4045

Monochromacy



Original Color
5B4045

Achromatopsia
494949

Achromatomaly
504648

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B4045 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 #5B4045 looks like.

```
.text, #text, p{  
    color:#5B4045  
}
```

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 #5B4045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4045  
}
```

Border

The CSS property to change the border of an element to Hex 5B4045 is called "border". The border property can be set on classes, ids or directly on the HTML element.

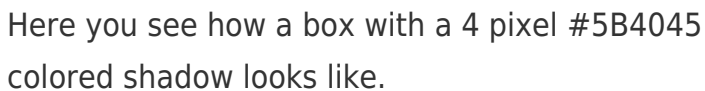
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5B4045 }
```

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

```
.border{ border-color:#5B4045 }
```

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



Here you see how a box with a 4 pixel #5B4045 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4045; -webkit-box-shadow:4px 4px  
4px 4px #5B4045; box-shadow:4px 4px 4px  
4px #5B4045 }
```

Background

The CSS property to change the background color of an element to Hex 5B4045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4045 }
```

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

```
.background{ background-color:#5B4045 }
```

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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