

Converting Colors

Hex(5B8045)

Have a look what the booklet for
Hex(5B8045) contains.

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Color

Hex(5B8045)

Conversions

Conversions Part 1

Format	Color
Hex	5B8045
RGB	91, 128, 69
RGB Percent	36%, 50%, 27%
CMY	0.6431, 0.4980, 0.7294
CMYK	0.29, 0.00, 0.46, 0.50
HSL	98°, 30%, 39%
HSV	98°, 46%, 50%
XYZ	13.1077, 18.0922, 8.4315
YIQ	110.2110, -3.1130, -26.1930

Conversions

Conversions Part 2

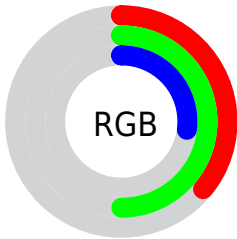
Format	Color
RYB	69, 128, 106
Decimal	5996613
CIELab	49.61, -24.47, 27.87
CIELCh	50, 37.086, 131.280
Yxy	18.0922, 0.3307, 0.4565
Android (android.graphics.Color)	4284186693 (0xFF5B8045)
YUV	110.2110, -20.3170, -16.8480
Hunter-Lab	42.5349, -19.4287, 18.0216

Details

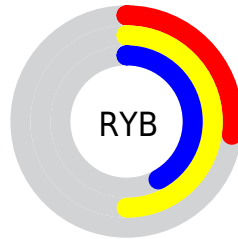
The Hex color **5B8045** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6A4580**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **8FB576**, and **2A4E17** is the 20% darker color. If you saturate the color by 10%, you get **538038**, and if you desaturate by 10%, it is **638052**.

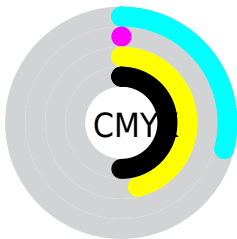
Distribution



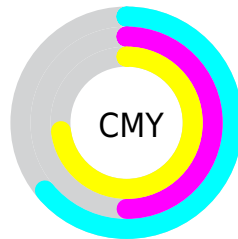
- Red (36%)
- Green (50%)
- Blue (27%)



- Red (27%)
- Yellow (50%)
- Blue (42%)



- Cyan (29%)
- Magenta (0%)
- Yellow (46%)
- Black (50%)



- Cyan (64%)
- Magenta (50%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B8045 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 5B8045 by changing the saturation by 10% instead.

 5B8045

 5B8045

FFFFFF

 42672E

 8FB576

 2A4E17

 AAD190

 133700

 C5EDAB

 002200

 E2FFC7

 000000

 FFFF E3

 5B8045

 5B8045

 538038

 638052

 4B802B

 6B805F

 43801F

 73806B

 3B8012

 7B8078

 338005

 838085

 308000

 8B8092

 93809F

 9B80AB

 A380B8

Harmonies

Analogous

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



7D7836



5B8045



2D8561

Triad

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



5B8045



007FB1



B25C6B

Complementary

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



5B8045



6A4580

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.



A65F8B



5B8045



5875B4

Square

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



5B8045



00849F



8869A5



AC624E

Rectangle

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



5B8045



008676



8869A5



B05C76

Sweetspot

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



5B8045



97A68F



806945



4B5446



D4D4D4



545454

Same Dimension

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



5B8045



6DA64B



45804C



3C4039



308000



000000

Inverse Universe

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



6A4580



844BA6



804579



3D3940



500080



000000

Previews

White Background



This preview shows how the Hex color 5B8045 looks on a white background.

Color Contrast Check

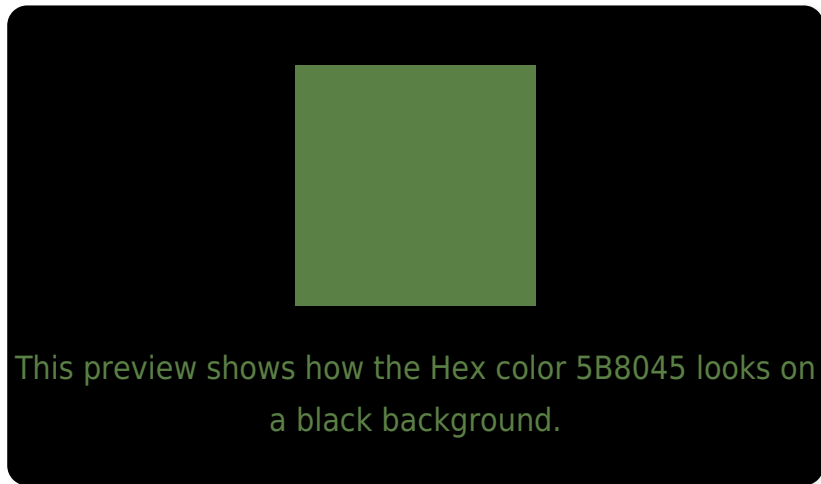
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5B8045 Background



This preview shows how black text looks on a background with the Hex color 5B8045.



This preview shows how white text looks on a background with the Hex color 5B8045.

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
5B8045

Protanopia
817641

Deuteranopia
8E7049

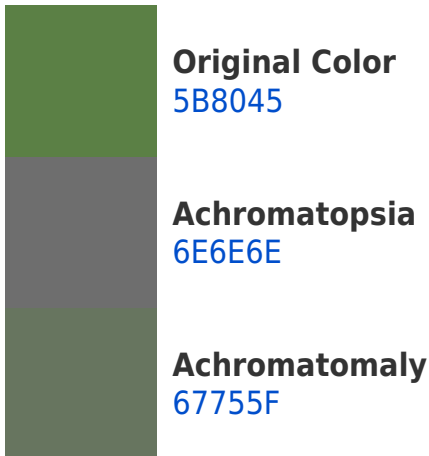


Tritanopia
657983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B8045 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 #5B8045 looks like.

```
.text, #text, p{  
    color:#5B8045  
}
```

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 #5B8045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8045
}
```

Border

The CSS property to change the border of an element to Hex 5B8045 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
#5B8045 }
```

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

```
.border{ border-color:#5B8045 }
```

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

Here you see how a box with a 4 pixel #5B8045 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8045; -webkit-box-shadow:4px 4px  
4px 4px #5B8045; box-shadow:4px 4px 4px  
4px #5B8045 }
```

Background

The CSS property to change the background color of an element to Hex 5B8045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8045 }
```

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

```
.background{ background-color:#5B8045 }
```

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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