

Converting Colors

Hex(5B8365)

Have a look what the booklet for
Hex(5B8365) contains.

Hex(5B8365)	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(5B8365)

Conversions

Conversions Part 1

Format	Color
Hex	5B8365
RGB	91, 131, 101
RGB Percent	36%, 51%, 40%
CMY	0.6431, 0.4863, 0.6039
CMYK	0.31, 0.00, 0.23, 0.49
HSL	135°, 18%, 44%
HSV	135°, 31%, 51%
XYZ	14.7796, 19.3963, 15.2768
YIQ	115.6200, -14.2100, -17.8100

Conversions

Conversions Part 2

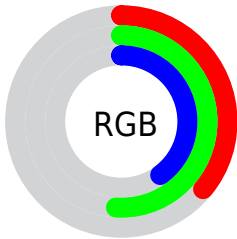
Format	Color
R_{YB}	91, 123, 131
Decimal	5997413
CIE _{Lab}	51.15, -20.56, 11.85
CIE _{LCh}	51, 23.727, 150.047
Yxy	19.3963, 0.2989, 0.3922
Android (android.graphics.Color)	4284187493 (0xFF5B8365)
YUV	115.6200, -7.2077, -21.5917
Hunter-Lab	44.0413, -17.1701, 10.2627

Details

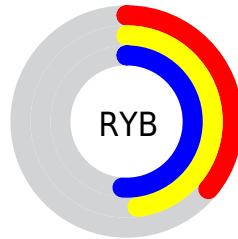
The Hex color **5B8365** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **835B79**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **8EB898**, and **2B5136** is the 20% darker color. If you saturate the color by 10%, you get **4E835B**, and if you desaturate by 10%, it is **68836F**.

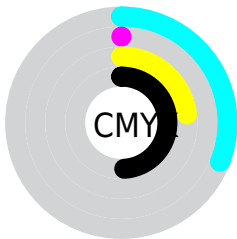
Distribution



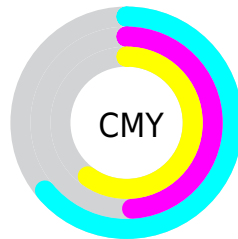
- Red (36%)
- Green (51%)
- Blue (40%)



- Red (36%)
- Yellow (48%)
- Blue (51%)



- Cyan (31%)
- Magenta (0%)
- Yellow (23%)
- Black (49%)



- Cyan (64%)
- Magenta (49%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B8365 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 5B8365 by changing the saturation by 10% instead.

 5B8365

 5B8365

FFFFFF

 436A4D

 8EB898

 2B5136

 A9D4B3

 143A21

 C5F0CE

 00240B

 E1FFEB

 000800

FEFFFF

 000000

 5B8365

 5B8365

 4E835B

 68836F

 418351

 758379

■ 348348

■ 828382

■ 27833E

■ 8F838C

■ 1A8334

■ 9D8396

■ 0C832A

■ AA83A0

■ 008321

■ B783AA

■ C483B4

■ D183BD

Harmonies

Analogous

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



737F56



5B8365



458579

Triad

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



5B8365



5F7CA2



A26C67

Complementary

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



5B8365



835B79

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.



A06B7B



5B8365



7D759D

Square

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



5B8365



43819C



946E8E



997257

Rectangle

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



5B8365



3A8587



946E8E



A26B6D

Sweetspot

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



5B8365



9BAB9F



79835B



4D5750



D6D6D6



575757

Same Dimension

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



5B8365



6CAB7B



5B8379



3C423D



008221



000301

Inverse Universe

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



835B79



AB6C9B



835B65



423C41



820062



030002

Previews

White Background



This preview shows how the Hex color 5B8365 looks on a white background.

Color Contrast Check

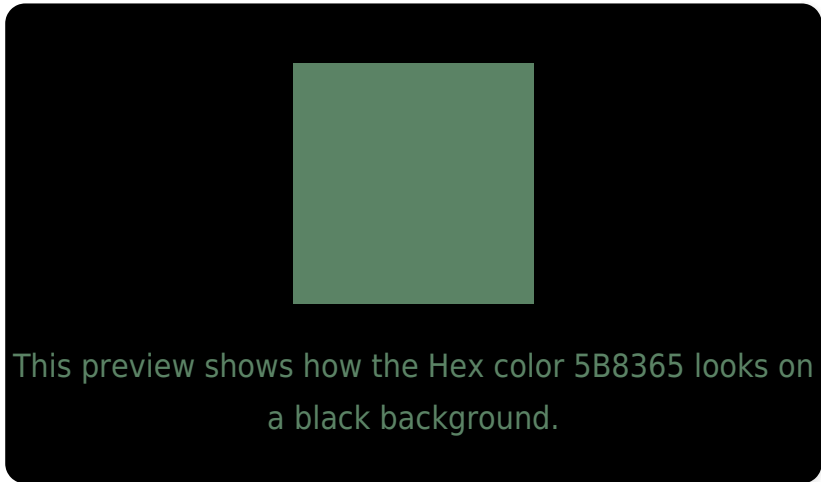
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

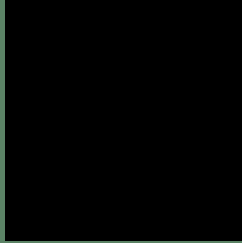
Any Text WCAG AA ✓ Pass

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 5B8365 Background



This preview shows how black text looks on a background with the Hex color 5B8365.



This preview shows how white text looks on a background with the Hex color 5B8365.

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
5B8365

Protanopia
817960

Deuteranopia
8B7568



Tritanopia
627E88

Trichromacy



Original Color
5B8365

Protanomaly
737D62

Deuteranomaly
7A7A67

Tritanomaly
5F807B

Monochromacy



Original Color
5B8365

Achromatopsia
747474

Achromatomaly
6B796F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B8365 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 #5B8365 looks like.

```
.text, #text, p{  
    color:#5B8365  
}
```

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 #5B8365 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8365
}
```

Border

The CSS property to change the border of an element to Hex 5B8365 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
#5B8365 }
```

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

```
.border{ border-color:#5B8365 }
```

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

Here you see how a box with a 4 pixel #5B8365 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8365; -webkit-box-shadow:4px 4px  
4px 4px #5B8365; box-shadow:4px 4px 4px  
4px #5B8365 }
```

Background

The CSS property to change the background color of an element to Hex 5B8365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8365 }
```

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

```
.background{ background-color:#5B8365 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor