

Converting Colors

Hex(5C8253)

Have a look what the booklet for
Hex(5C8253) contains.

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Color

Hex(5C8253)

Conversions

Conversions Part 1

Format	Color
Hex	5C8253
RGB	92, 130, 83
RGB Percent	36%, 51%, 33%
CMY	0.6392, 0.4902, 0.6745
CMYK	0.29, 0.00, 0.36, 0.49
HSL	109°, 22%, 42%
HSV	109°, 36%, 51%
XYZ	13.9576, 18.8651, 11.0893
YIQ	113.2800, -7.5610, -22.6730

Conversions

Conversions Part 2

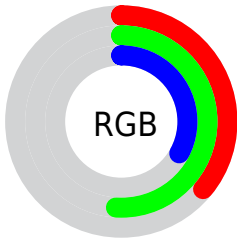
Format	Color
RYB	83, 130, 121
Decimal	6062675
CIELab	50.53, -22.97, 21.31
CIELCh	51, 31.331, 137.155
Yxy	18.8651, 0.3179, 0.4296
Android (android.graphics.Color)	4284252755 (0xFF5C8253)
YUV	113.2800, -14.9280, -18.6626
Hunter-Lab	43.4340, -18.6481, 15.2662

Details

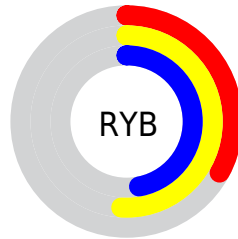
The Hex color **5C8253** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **795382**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **8FB785**, and **2C5025** is the 20% darker color. If you saturate the color by 10%, you get **518246**, and if you desaturate by 10%, it is **678260**.

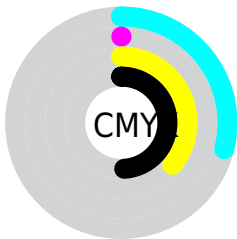
Distribution



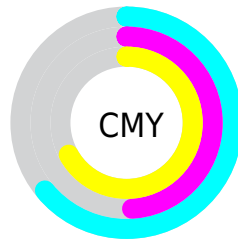
- Red (36%)
- Green (51%)
- Blue (33%)



- Red (33%)
- Yellow (51%)
- Blue (47%)



- Cyan (29%)
- Magenta (0%)
- Yellow (36%)
- Black (49%)



- Cyan (64%)
- Magenta (49%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C8253 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 5C8253 by changing the saturation by 10% instead.

 5C8253

 5C8253

FFFFFF

 44693C

 8FB785

 2C5025

 AAD39F

 143910

 C6EFBA

 002300

 E2FFD6


 000400

 FFFFF3

 000000

 5C8253

 5C8253

 518246

 678260

 478239

 71826D

 3C822C

 7C827A

 32821F

 868287

 278212

 918294

 1D8205

 9B82A1

 198200

 A682AE

 B082BB

 BB82C8

Harmonies

Analogous

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



7A7C44



5C8253



38866C

Triad

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



5C8253



3A7EAC



AC646A

Complementary

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



5C8253



795382

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.



A56485



5C8253



6A76AB

Square

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



5C8253



00849F



8E6C9D



A56A52

Rectangle

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



5C8253



17867E



8E6C9D



AB6373

Sweetspot

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



5C8253



99A896



827953



4B5449



D4D4D4



545454

Same Dimension

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



5C8253



6EA860



538261



3B4039



188000



000000

Inverse Universe

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



795382



9A60A8



825374



3F3940



670080



000000

Previews

White Background



This preview shows how the Hex color 5C8253 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

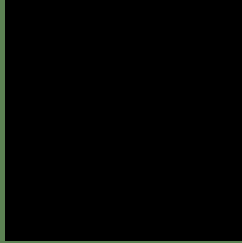
Any Text WCAG AA ✓ Pass

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 5C8253 Background



This preview shows how black text looks on a background with the Hex color 5C8253.



This preview shows how white text looks on a background with the Hex color 5C8253.

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
5C8253

Protanopia
82784F

Deuteranopia
8E7356



Tritanopia
657C86

Trichromacy



Original Color
5C8253

Protanomaly
747C50

Deuteranomaly
7C7855

Tritanomaly
627E73

Monochromacy



Original Color
5C8253

Achromatopsia
717171

Achromatomaly
697766

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C8253 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 #5C8253 looks like.

```
.text, #text, p{  
    color:#5C8253  
}
```

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 #5C8253 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C8253
}
```

Border

The CSS property to change the border of an element to Hex 5C8253 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
#5C8253 }
```

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

```
.border{ border-color:#5C8253 }
```

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

Here you see how a box with a 4 pixel #5C8253 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C8253; -webkit-box-shadow:4px 4px  
4px 4px #5C8253; box-shadow:4px 4px 4px  
4px #5C8253 }
```

Background

The CSS property to change the background color of an element to Hex 5C8253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C8253 }
```

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

```
.background{ background-color:#5C8253 }
```

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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