

Converting Colors

Hex(5C935C)

Have a look what the booklet for
Hex(5C935C) contains.

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Color

Hex(5C935C)

Conversions

Conversions Part 1

Format	Color
Hex	5C935C
RGB	92, 147, 92
RGB Percent	36%, 58%, 36%
CMY	0.6392, 0.4235, 0.6392
CMYK	0.37, 0.00, 0.37, 0.42
HSL	120°, 23%, 47%
HSV	120°, 37%, 58%
XYZ	16.7791, 23.9155, 13.8570
YIQ	124.2850, -15.1250, -28.7650

Conversions

Conversions Part 2

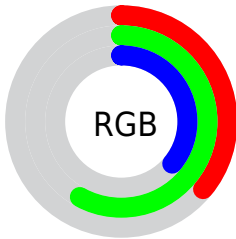
Format	Color
R_{YB}	92, 147, 147
Decimal	6067036
CIE _{Lab}	56.00, -29.87, 23.54
CIE _{LCh}	56, 38.033, 141.756
Yxy	23.9155, 0.3076, 0.4384
Android (android.graphics.Color)	4284257116 (0xFF5C935C)
YUV	124.2850, -15.9165, -28.3139
Hunter-Lab	48.9034, -24.3364, 17.4323

Details

The Hex color **5C935C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **935C93**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **90C98F**, and **29602D** is the 20% darker color. If you saturate the color by 10%, you get **4D934D**, and if you desaturate by 10%, it is **6B936B**.

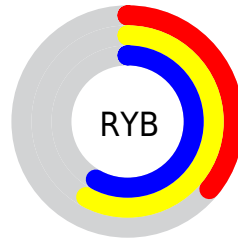
Distribution



Red (36%)

Green (58%)

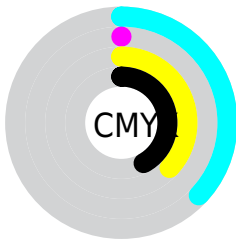
Blue (36%)



Red (36%)

Yellow (58%)

Blue (58%)

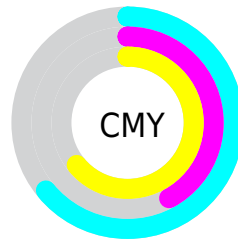


Cyan (37%)

Magenta (0%)

Yellow (37%)

Black (42%)



Cyan (64%)

Magenta (42%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C935C 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 5C935C by changing the saturation by 10% instead.



5C935C



5C935C

FFFFFF



437944



90C98F



29602D



ACE6A9



0E4817



C8FFC5



003100



E4FFE1



001D00

FFFFFFE



000000



5C935C



5C935C



4D934D



6B936B



3F933F



799379

■ 309330

■ 889388

■ 219321

■ 979397

■ 139313

■ A593A5

■ 049304

■ B493B4

■ 009300

■ C393C3

■ D293D2

■ E093E0

Harmonies

Analogous

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



838C47



5C935C



25977C

Triad

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



5C935C



3B8CC7



C56D6F

Complementary

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



5C935C



935C93

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.



BF6C91



5C935C



7B81C4

Square

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



5C935C



0094B9



A775AF



BA7553

Rectangle

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



5C935C



009793



A775AF



C56B7A

Sweetspot

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



5C935C



AABFAA



93935C



546154



E0E0E0



616161

Same Dimension

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



5C935C



69BF69



5C9377



434A43



008A00



000A00

Inverse Universe

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



935C93



BF69BF



935C77



4A434A



8A008A



0A000A

Previews

White Background



This preview shows how the Hex color 5C935C looks on a white background.

Color Contrast Check

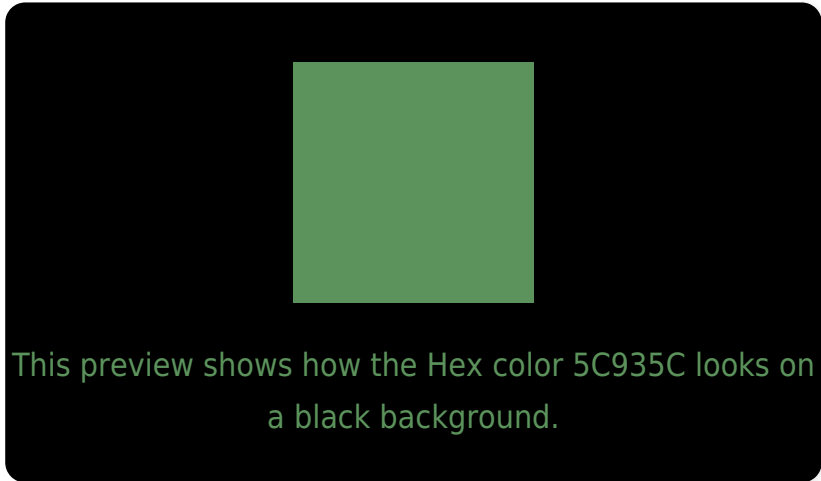
Large Text (above 18pt) WCAG AA ✓ Pass

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

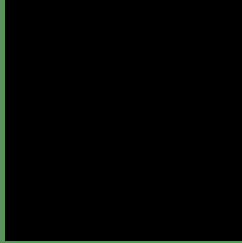
Any Text WCAG AA ✓ Pass

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 5C935C Background



This preview shows how black text looks on a background with the Hex color 5C935C.



This preview shows how white text looks on a background with the Hex color 5C935C.

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





Tritanopia
678C97

Trichromacy



Original Color
5C935C

Protanomaly
7E8B59

Deuteranomaly
87875F

Tritanomaly
638F82

Monochromacy



Original Color
5C935C

Achromatopsia
7C7C7C

Achromatomaly
708470

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C935C 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 #5C935C looks like.

```
.text, #text, p{  
    color:#5C935C  
}
```

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 #5C935C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C935C
}
```

Border

The CSS property to change the border of an element to Hex 5C935C 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
#5C935C }
```

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

```
.border{ border-color:#5C935C }
```

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

Here you see how a box with a 4 pixel #5C935C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C935C; -webkit-box-shadow:4px 4px  
4px 4px #5C935C; box-shadow:4px 4px 4px  
4px #5C935C }
```

Background

The CSS property to change the background color of an element to Hex 5C935C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C935C }
```

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

```
.background{ background-color:#5C935C }
```

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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