

Converting Colors

Hex(5B9D35)

Have a look what the booklet for
Hex(5B9D35) contains.

Hex(5B9D35)	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(5B9D35)

Conversions

Conversions Part 1

Format	Color
Hex	5B9D35
RGB	91, 157, 53
RGB Percent	36%, 62%, 21%
CMY	0.6431, 0.3843, 0.7922
CMYK	0.42, 0.00, 0.66, 0.38
HSL	98°, 50%, 41%
HSV	98°, 66%, 62%
XYZ	17.0140, 26.5951, 7.6048
YIQ	125.4100, -5.9520, -46.3360

Conversions

Conversions Part 2

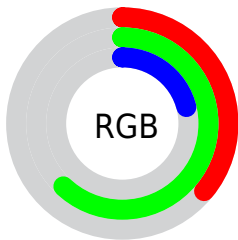
Format	Color
RYB	53, 157, 119
Decimal	6004021
CIELab	58.60, -39.75, 46.25
CIELCh	59, 60.988, 130.678
Yxy	26.5951, 0.3322, 0.5193
Android (android.graphics.Color)	4284194101 (0xFF5B9D35)
YUV	125.4100, -35.6981, -30.1776
Hunter-Lab	51.5705, -31.3582, 27.3562

Details

The Hex color **5B9D35** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **77359D**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **92D469**, and **236900** is the 20% darker color. If you saturate the color by 10%, you get **519D25**, and if you desaturate by 10%, it is **659D45**.

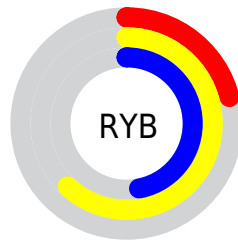
Distribution



Red (36%)

Green (62%)

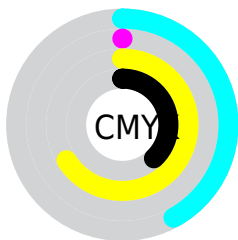
Blue (21%)



Red (21%)

Yellow (62%)

Blue (47%)

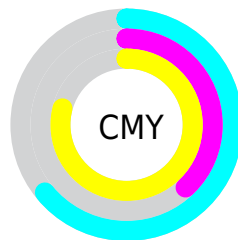


Cyan (42%)

Magenta (0%)

Yellow (66%)

Black (38%)



Cyan (64%)

Magenta (38%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B9D35 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 5B9D35 by changing the saturation by 10% instead.



5B9D35



5B9D35

FFFFFF



40831A



92D469



236900



AEF183



005000



CAFF9E



003800



E7FFBA



002400



FFFFD6



000000



FFFFF3



5B9D35



5B9D35



519D25



659D45

■ 479D16

■ 6F9D54

■ 3D9D06

■ 799D64

■ 399D00

■ 839D74

■ 8D9D84

■ 979D93

■ A19DA3

■ AB9DB3

■ B59DC2

Harmonies

Analogous

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



969010



5B9D35



00A467

Triad

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



5B9D35



009CF2



ED597C

Complementary

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



5B9D35



77359D

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.



DB60B2



5B9D35



3C8DF6

Square

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



5B9D35



00A4D2



A876DF



E3674A

Rectangle

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



5B9D35



00A68D



A876DF



EB588E

Sweetspot

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



5B9D35



B2CCA3



9D7735



56664E



E6E6E6



666666

Same Dimension

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



5B9D35



66CC2B



359D43



4A4F47



348F00



060F00

Inverse Universe

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



77359D



912BCC



9D358F



4C474F



5B008F



0A000F

Previews

White Background



This preview shows how the Hex color 5B9D35 looks on a white background.

Color Contrast Check

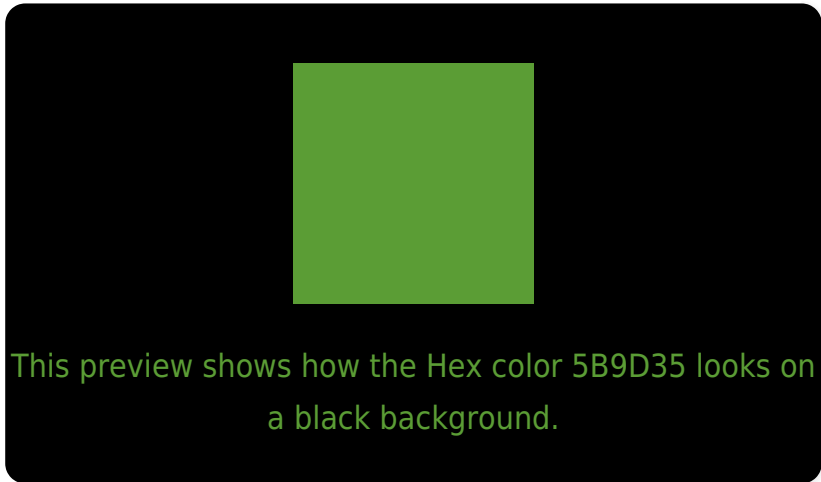
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B9D35 Background



This preview shows how black text looks on a background with the Hex color 5B9D35.



This preview shows how white text looks on a background with the Hex color 5B9D35.

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
5B9D35

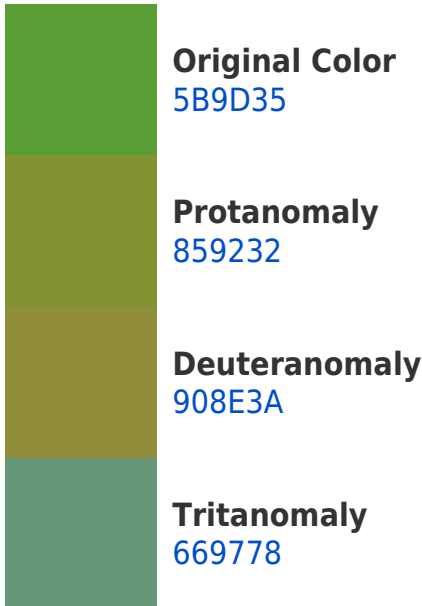
Protanopia
9D8C30

Deuteranopia
AE853D

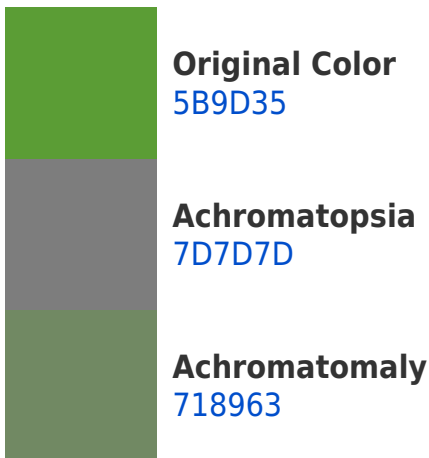


Tritanopia
6C939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B9D35 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 #5B9D35 looks like.

```
.text, #text, p{  
    color:#5B9D35  
}
```

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 #5B9D35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B9D35
}
```

Border

The CSS property to change the border of an element to Hex 5B9D35 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
#5B9D35 }
```

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

```
.border{ border-color:#5B9D35 }
```

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

Here you see how a box with a 4 pixel #5B9D35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B9D35; -webkit-box-shadow:4px 4px  
4px 4px #5B9D35; box-shadow:4px 4px 4px  
4px #5B9D35 }
```

Background

The CSS property to change the background color of an element to Hex 5B9D35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B9D35 }
```

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

```
.background{ background-color:#5B9D35 }
```

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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