

Converting Colors

Hex(5D9135)

Have a look what the booklet for
Hex(5D9135) contains.

Hex(5D9135)	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(5D9135)

Conversions

Conversions Part 1

Format	Color
Hex	5D9135
RGB	93, 145, 53
RGB Percent	36%, 57%, 21%
CMY	0.6353, 0.4314, 0.7922
CMYK	0.36, 0.00, 0.63, 0.43
HSL	94°, 46%, 39%
HSV	94°, 63%, 57%
XYZ	15.2822, 22.8350, 6.9703
YIQ	118.9640, -1.4600, -39.6360

Conversions

Conversions Part 2

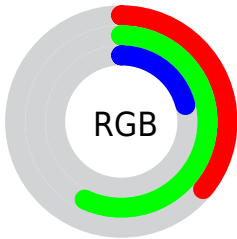
Format	Color
RYB	53, 145, 105
Decimal	6132021
CIELab	54.90, -33.73, 42.24
CIElCh	55, 54.051, 128.607
Yxy	22.8350, 0.3389, 0.5065
Android (android.graphics.Color)	4284322101 (0xFF5D9135)
YUV	118.9640, -32.5203, -22.7704
Hunter-Lab	47.7860, -26.5402, 24.8019

Details

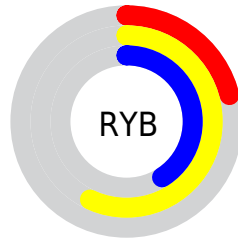
The Hex color **5D9135** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **693591**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **93C768**, and **285E00** is the 20% darker color. If you saturate the color by 10%, you get **559127**, and if you desaturate by 10%, it is **659144**.

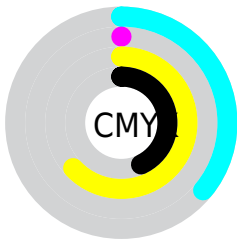
Distribution



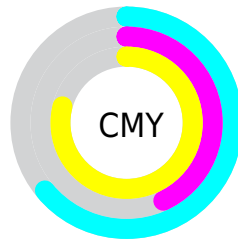
- Red (36%)
- Green (57%)
- Blue (21%)



- Red (21%)
- Yellow (57%)
- Blue (41%)



- Cyan (36%)
- Magenta (0%)
- Yellow (63%)
- Black (43%)



- Cyan (64%)
- Magenta (43%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D9135 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 5D9135 by changing the saturation by 10% instead.

 5D9135

 5D9135

FFFFFF

 43771B

 93C768

 285E00

 AEE382

 0C4600

 CAFF9C

 002F00

 E7FFB8

 001A00

 FFFFD4

 000000

 FFFFF1

 5D9135

 5D9135

 559127

 659144

■ 4D9118

■ 6D9152

■ 44910A

■ 769161

■ 3F9100

■ 7E916F

■ 86917E

■ 8E918C

■ 96919B

■ 9F91A9

■ A791B8

Harmonies

Analogous

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



8F851C



5D9135



00985F

Triad

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



5D9135



0091DA



D85778

Complementary

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



5D9135



693591

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.



C65EA7



5D9135



3A84E0

Square

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



5D9135



0098BD



9771CD



D1624B

Rectangle

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



5D9135



009A80



9771CD



D55788

Sweetspot

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



5D9135



A8BD99



916835



525E49



DEDEDE



5E5E5E

Same Dimension

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



5D9135



6CBD2D



35913A



434740



3B8700



030800

Inverse Universe

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



693591



7E2DBD



91358C



444047



4C0087



040008

Previews

White Background



This preview shows how the Hex color 5D9135 looks on a white background.

Color Contrast Check

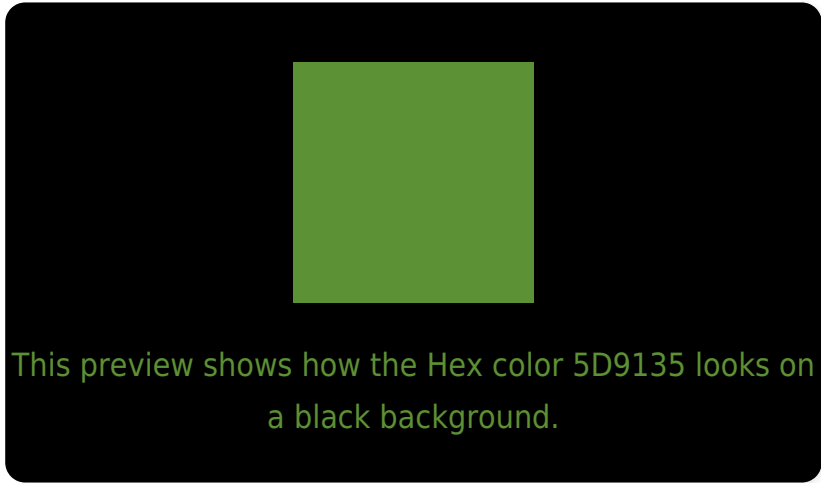
Large Text (above 18pt) WCAG AA ✓ Pass

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 5D9135 Background



This preview shows how black text looks on a background with the Hex color 5D9135.



This preview shows how white text looks on a background with the Hex color 5D9135.

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
5D9135

Protanopia
928331

Deuteranopia
A27C3B



Tritanopia
6B8893

Trichromacy



Original Color
5D9135

Protanomaly
7F8832

Deuteranomaly
898439

Tritanomaly
668B71

Monochromacy



Original Color
5D9135

Achromatopsia
777777

Achromatomaly
6E805F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D9135 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 #5D9135 looks like.

```
.text, #text, p{  
    color:#5D9135  
}
```

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 #5D9135 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D9135
}
```

Border

The CSS property to change the border of an element to Hex 5D9135 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
#5D9135 }
```

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

```
.border{ border-color:#5D9135 }
```

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

Here you see how a box with a 4 pixel #5D9135 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D9135; -webkit-box-shadow:4px 4px  
4px 4px #5D9135; box-shadow:4px 4px 4px  
4px #5D9135 }
```

Background

The CSS property to change the background color of an element to Hex 5D9135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D9135 }
```

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

```
.background{ background-color:#5D9135 }
```

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