

Converting Colors

Hex(5A9130)

Have a look what the booklet for
Hex(5A9130) contains.

Hex(5A9130)	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(5A9130)

Conversions

Conversions Part 1

Format	Color
Hex	5A9130
RGB	90, 145, 48
RGB Percent	35%, 57%, 19%
CMY	0.6471, 0.4314, 0.8118
CMYK	0.38, 0.00, 0.67, 0.43
HSL	94°, 50%, 38%
HSV	94°, 67%, 57%
XYZ	14.8753, 22.6379, 6.3818
YIQ	117.4970, -1.6430, -41.8270

Conversions

Conversions Part 2

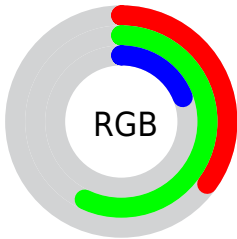
Format	Color
R_{YB}	48, 145, 103
Decimal	5935408
CIE _{Lab}	54.70, -35.28, 44.20
CIE _{LCh}	55, 56.556, 128.594
Yxy	22.6379, 0.3389, 0.5157
Android (android.graphics.Color)	4284125488 (0xFF5A9130)
YUV	117.4970, -34.2620, -24.1149
Hunter-Lab	47.5793, -27.4568, 25.3529

Details

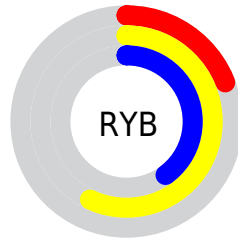
The Hex color **5A9130** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **673091**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **90C763**, and **245E00** is the 20% darker color. If you saturate the color by 10%, you get **529121**, and if you desaturate by 10%, it is **62913E**.

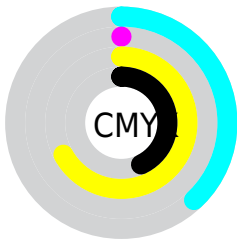
Distribution



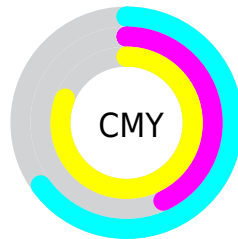
- Red (35%)
- Green (57%)
- Blue (19%)



- Red (19%)
- Yellow (57%)
- Blue (40%)



- Cyan (38%)
- Magenta (0%)
- Yellow (67%)
- Black (43%)



- Cyan (65%)
- Magenta (43%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A9130 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 5A9130 by changing the saturation by 10% instead.

 5A9130

 5A9130

FFFFFF

 407715

 90C763

 245E00

 ABE47D

 054600

 C8FF98

 002F00

 E5FFB3

 001900

 FFFFCF

 000000

 FFF FEC

 5A9130

 5A9130

 529121

 62913E

■ 4A9113

■ 6A914D

■ 419104

■ 73915B

■ 3F9100

■ 7B916A

■ 839179

■ 8B9187

■ 949195

■ 9C91A4

■ A491B3

Harmonies

Analogous

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



8F8512



5A9130



00985D

Triad

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



5A9130



0092DE



DB5377

Complementary

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



5A9130



673091

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.



C85BA8



5A9130



2E84E4

Square

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



5A9130



0099BF



9770D0



D35F48

Rectangle

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



5A9130



009A7F



9770D0



D85487

Sweetspot

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



5A9130



A7BD97



916730



525E48



DEDEDE



5E5E5E

Same Dimension

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



5A9130



67BD26



309136



434740



3B8700



030800

Inverse Universe

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



673091



7B26BD



91308B



444047



4D0087



040008

Previews

White Background



This preview shows how the Hex color 5A9130 looks on a white background.

Color Contrast Check

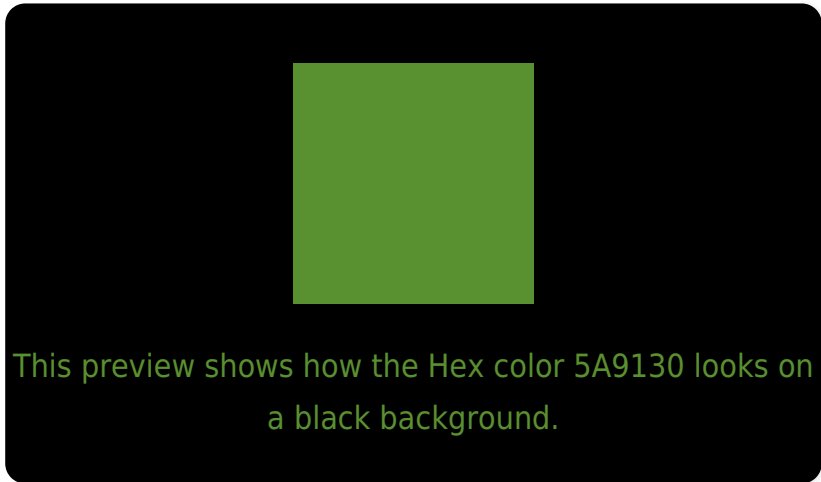
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A9130 Background



This preview shows how black text looks on a background with the Hex color 5A9130.



This preview shows how white text looks on a background with the Hex color 5A9130.

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
5A9130

Protanopia
92832C

Deuteranopia
A27C37



Tritanopia
698892

Trichromacy



Original Color
5A9130

Protanomaly
7E882D

Deuteranomaly
888434

Tritanomaly
648B6E

Monochromacy



Original Color
5A9130

Achromatopsia
757575

Achromatomaly
6B7F5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A9130 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 #5A9130 looks like.

```
.text, #text, p{  
    color:#5A9130  
}
```

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 #5A9130 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A9130
}
```

Border

The CSS property to change the border of an element to Hex 5A9130 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
#5A9130 }
```

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

```
.border{ border-color:#5A9130 }
```

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

Here you see how a box with a 4 pixel #5A9130 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A9130; -webkit-box-shadow:4px 4px  
4px 4px #5A9130; box-shadow:4px 4px 4px  
4px #5A9130 }
```

Background

The CSS property to change the background color of an element to Hex 5A9130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A9130 }
```

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

```
.background{ background-color:#5A9130 }
```

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