

Converting Colors

Hex(5A9230)

Have a look what the booklet for
Hex(5A9230) contains.

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Color

Hex(5A9230)

Conversions

Conversions Part 1

Format	Color
Hex	5A9230
RGB	90, 146, 48
RGB Percent	35%, 57%, 19%
CMY	0.6471, 0.4275, 0.8118
CMYK	0.38, 0.00, 0.67, 0.43
HSL	94°, 51%, 38%
HSV	94°, 67%, 57%
XYZ	15.0288, 22.9448, 6.4330
YIQ	118.0840, -1.9180, -42.3500

Conversions

Conversions Part 2

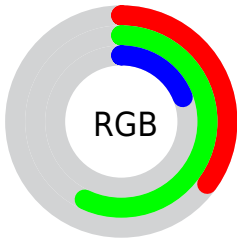
Format	Color
RYB	48, 146, 104
Decimal	5935664
CIELab	55.02, -35.73, 44.54
CIElCh	55, 57.102, 128.731
Yxy	22.9448, 0.3384, 0.5167
Android (android.graphics.Color)	4284125744 (0xFF5A9230)
YUV	118.0840, -34.5514, -24.6297
Hunter-Lab	47.9008, -27.8221, 25.5680

Details

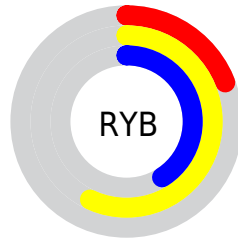
The Hex color **5A9230** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **683092**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **90C863**, and **245F00** is the 20% darker color. If you saturate the color by 10%, you get **529221**, and if you desaturate by 10%, it is **62923F**.

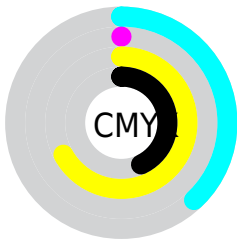
Distribution



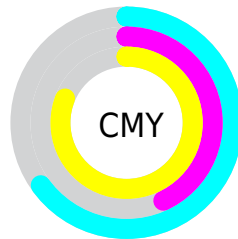
- Red (35%)
- Green (57%)
- Blue (19%)



- Red (19%)
- Yellow (57%)
- Blue (41%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 5A9230 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 5A9230 by changing the saturation by 10% instead.

 5A9230

 5A9230

FFFFFF

 3F7815

 90C863

 245F00

 ACE57D

 044700

 C8FF98

 003000

 E5FFB3

 001A00

 FFFFCF

 000000

 FFF FEC

 5A9230

 5A9230

 529221

 62923F

■ 499213

■ 6B924D

■ 419204

■ 73925C

■ 3F9200

■ 7B926A

■ 849279

■ 8C9288

■ 949296

■ 9D92A5

■ A592B3

Harmonies

Analogous

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



8F8611



5A9230



00995E

Triad

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



5A9230



0093E0



DD5477

Complementary

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



5A9230



683092

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.



CA5BA9



5A9230



2E85E6

Square

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



5A9230



009AC0



9870D1



D56048

Rectangle

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



5A9230



009B80



9870D1



DA5488

Sweetspot

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



5A9230



A7BD97



926830



515E48



DEDEDE



5E5E5E

Same Dimension

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



5A9230



65BD24



309237



464A43



3B8A00



040A00

Inverse Universe

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



683092



7B24BD



92308B



47434A



4F008A



06000A

Previews

White Background



This preview shows how the Hex color 5A9230 looks on a white background.

Color Contrast Check

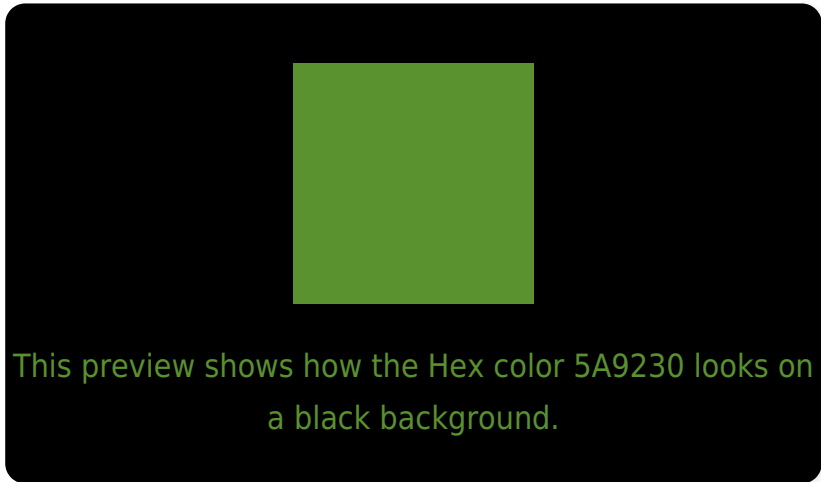
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A9230 Background



This preview shows how black text looks on a background with the Hex color 5A9230.

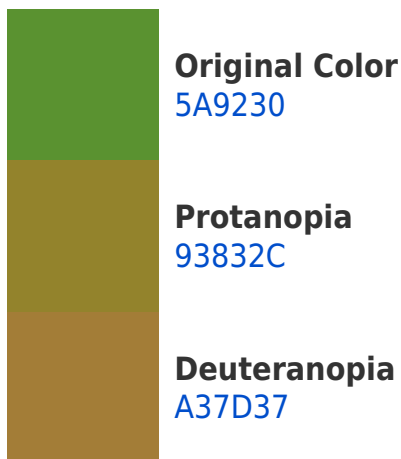


This preview shows how white text looks on a background with the Hex color 5A9230.

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
698893

Trichromacy



Original Color
5A9230

Protanomaly
7E882D

Deuteranomaly
888534

Tritanomaly
648C6F

Monochromacy



Original Color
5A9230

Achromatopsia
767676

Achromatomaly
6C805D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A9230 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 #5A9230 looks like.

```
.text, #text, p{  
    color:#5A9230  
}
```

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 #5A9230 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A9230
}
```

Border

The CSS property to change the border of an element to Hex 5A9230 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
#5A9230 }
```

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

```
.border{ border-color:#5A9230 }
```

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

Here you see how a box with a 4 pixel #5A9230 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A9230; -webkit-box-shadow:4px 4px  
4px 4px #5A9230; box-shadow:4px 4px 4px  
4px #5A9230 }
```

Background

The CSS property to change the background color of an element to Hex 5A9230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A9230 }
```

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

```
.background{ background-color:#5A9230 }
```

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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