

Converting Colors

Hex(5C9A30)

Have a look what the booklet for
Hex(5C9A30) contains.

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Color

Hex(5C9A30)

Conversions

Conversions Part 1

Format	Color
Hex	5C9A30
RGB	92, 154, 48
RGB Percent	36%, 60%, 19%
CMY	0.6392, 0.3961, 0.8118
CMYK	0.40, 0.00, 0.69, 0.40
HSL	95°, 52%, 40%
HSV	95°, 69%, 60%
XYZ	16.5027, 25.5999, 6.8678
YIQ	123.3780, -2.9260, -46.1100

Conversions

Conversions Part 2

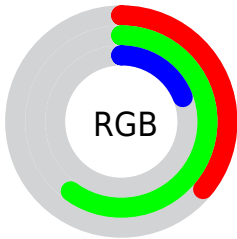
Format	Color
R_{YB}	48, 154, 110
Decimal	6068784
CIE _{Lab}	57.66, -38.54, 47.38
CIE _{LCh}	58, 61.075, 129.127
Yxy	25.5999, 0.3370, 0.5228
Android (android.graphics.Color)	4284258864 (0xFF5C9A30)
YUV	123.3780, -37.1614, -27.5185
Hunter-Lab	50.5964, -30.3233, 27.3696

Details

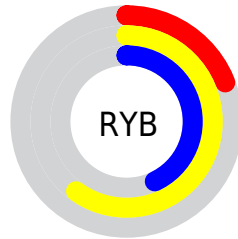
The Hex color **5C9A30** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6E309A**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **93D164**, and **246600** is the 20% darker color. If you saturate the color by 10%, you get **539A21**, and if you desaturate by 10%, it is **659A3F**.

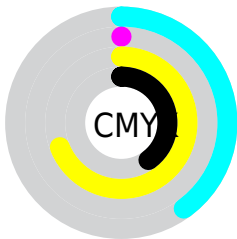
Distribution



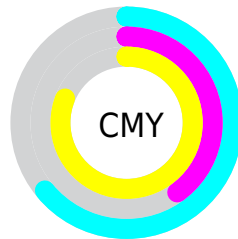
- Red (36%)
- Green (60%)
- Blue (19%)



- Red (19%)
- Yellow (60%)
- Blue (43%)



- Cyan (40%)
- Magenta (0%)
- Yellow (69%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C9A30 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 5C9A30 by changing the saturation by 10% instead.

 5C9A30

 5C9A30

FFFFFF

 418014

 93D164

 246600

 AFED7E

 024E00

 CBFF99

 003600

 E8FFB5

 002200

 FFFFD1

 000000

 FFFFEE

 5C9A30

 5C9A30

 539A21

 659A3F

■ 4A9A11

■ 6E9A4F

■ 419A02

■ 779A5E

■ 409A00

■ 809A6E

■ 899A7D

■ 929A8C

■ 9B9A9C

■ A49AAB

■ AD9ABB

Harmonies

Analogous

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



968D09



5C9A30



00A162

Triad

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



5C9A30



009AEE



EA567C

Complementary

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



5C9A30



6E309A

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.



D75EB2



5C9A30



2A8BF4

Square

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



5C9A30



00A2CD



A175DE



E1644A

Rectangle

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



5C9A30



00A387



A175DE



E7568E

Sweetspot

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



5C9A30



B1C99F



9A6E30



57664D



E6E6E6



666666

Same Dimension

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



5C9A30



68C922



309A39



484D45



3A8C00



050D00

Inverse Universe

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



6E309A



8422C9



9A3091



49454D



52008C



07000D

Previews

White Background



This preview shows how the Hex color 5C9A30 looks on a white background.

Color Contrast Check

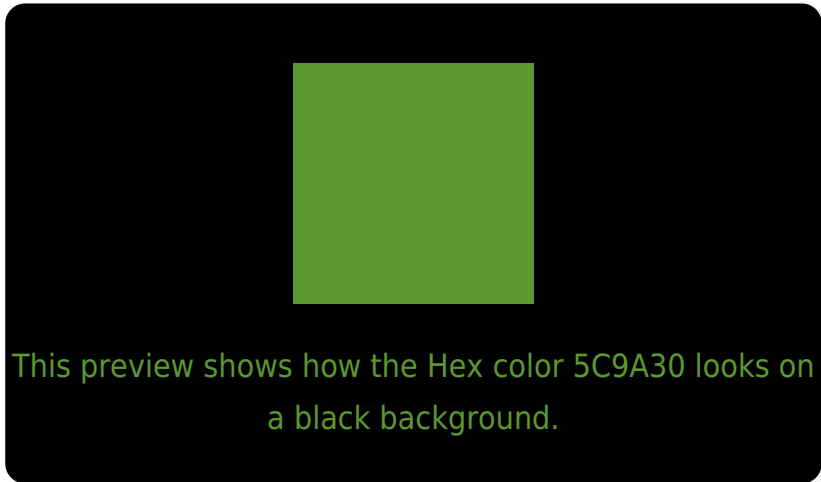
Large Text (above 18pt) WCAG AA ✓ Pass

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 5C9A30 Background



This preview shows how black text looks on a background with the Hex color 5C9A30.

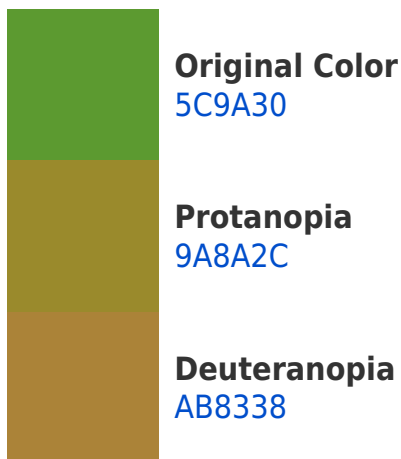


This preview shows how white text looks on a background with the Hex color 5C9A30.

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
6C909B

Trichromacy



Original Color
5C9A30

Protanomaly
83902D

Deuteranomaly
8E8B35

Tritanomaly
669474

Monochromacy



Original Color
5C9A30

Achromatopsia
7B7B7B

Achromatomaly
708660

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C9A30 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 #5C9A30 looks like.

```
.text, #text, p{  
    color:#5C9A30  
}
```

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 #5C9A30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C9A30
}
```

Border

The CSS property to change the border of an element to Hex 5C9A30 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
#5C9A30 }
```

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

```
.border{ border-color:#5C9A30 }
```

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

Here you see how a box with a 4 pixel #5C9A30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C9A30; -webkit-box-shadow:4px 4px  
4px 4px #5C9A30; box-shadow:4px 4px 4px  
4px #5C9A30 }
```

Background

The CSS property to change the background color of an element to Hex 5C9A30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C9A30 }
```

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

```
.background{ background-color:#5C9A30 }
```

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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