

# Converting Colors

Hex(5B9E32)

Have a look what the booklet for  
Hex(5B9E32) contains.

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# Color

Hex(5B9E32)

# Conversions

## Conversions Part 1

Format	Color
Hex	5B9E32
RGB	91, 158, 50
RGB Percent	36%, 62%, 20%
CMY	0.6431, 0.3804, 0.8039
CMYK	0.42, 0.00, 0.68, 0.38
HSL	97°, 52%, 41%
HSV	97°, 68%, 62%
XYZ	17.1170, 26.9082, 7.3092
YIQ	125.6550, -5.2640, -47.7920

# Conversions

## Conversions Part 2

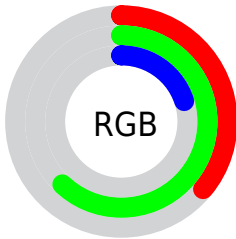
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 158, 117
Decimal	6004274
CIELab	58.89, -40.44, 47.84
CIELCh	59, 62.640, 130.211
Yxy	26.9082, 0.3334, 0.5242
Android (android.graphics.Color)	4284194354 (0xFF5B9E32)
YUV	125.6550, -37.2979, -30.3924
Hunter-Lab	51.8731, -31.8768, 27.9568

# Details

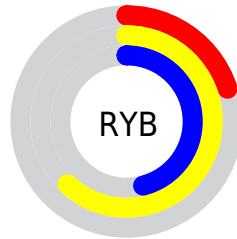
The Hex color **5B9E32** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **75329E**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **92D566**, and **226A00** is the 20% darker color. If you saturate the color by 10%, you get **519E22**, and if you desaturate by 10%, it is **659E42**.

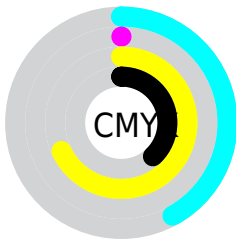
# Distribution



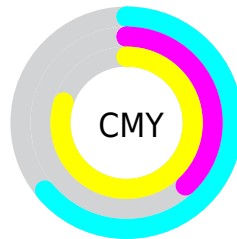
- Red (36%)
- Green (62%)
- Blue (20%)



- Red (20%)
- Yellow (62%)
- Blue (46%)



- Cyan (42%)
- Magenta (0%)
- Yellow (68%)
- Black (38%)



- Cyan (64%)
- Magenta (38%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B9E32 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 5B9E32 by changing the saturation by 10% instead.





5B9E32



5B9E32

FFFFFF



408416



92D566



226A00



AEF280



005100



CBFF9B



003900



E8FFB7



002500



FFFFD3



000000



FFFFF0



5B9E32



5B9E32



519E22



659E42

■ 479E12

■ 6F9E52

■ 3E9E03

■ 789E61

■ 3C9E00

■ 829E71

■ 8C9E81

■ 969E91

■ A09EA1

■ A99EB0

■ B39EC0

# Harmonies

## Analogous

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



979107



5B9E32



00A566

# Triad

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



5B9E32



009EF5



F0577D

# Complementary

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



5B9E32



75329E

# 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.



DD5FB4



5B9E32



338EFA

# Square

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



5B9E32



00A6D4



A877E2



E66649

# Rectangle

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



5B9E32



00A78C



A877E2



EE5790



# Sweetspot

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



5B9E32



B4CFA3



9E7532



58694E



E8E8E8



696969



# Same Dimension

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



5B9E32



65CF25



329E3F



4A4F47



368F00



060F00



# Inverse Universe

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



75329E



8E25CF



9E3291



4C474F



59008F



09000F



# Previews

## White Background



This preview shows how the Hex color 5B9E32 looks on a white background.

## Color Contrast Check

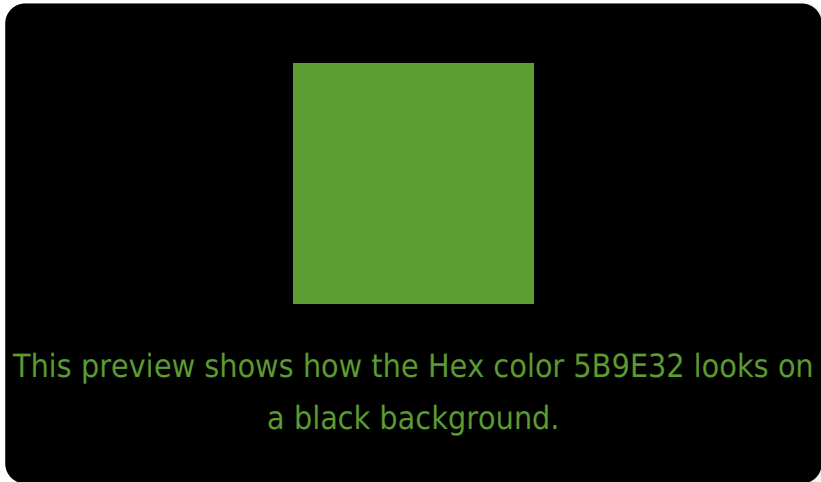
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B9E32 Background



This preview shows how black text looks on a background with the Hex color 5B9E32.



This preview shows how white text looks on a background with the Hex color 5B9E32.

# 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**  
5B9E32

**Protanopia**  
9E8D2E

**Deuteranopia**  
AF863A



**Tritanopia**  
6C949F

# Trichromacy



**Original Color**  
5B9E32



**Protanomaly**  
86932F



**Deuteranomaly**  
908F37



**Tritanomaly**  
669877

# Monochromacy



**Original Color**  
5B9E32



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
718A62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B9E32 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 #5B9E32 looks like.

```
.text, #text, p{  
    color:#5B9E32  
}
```

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 #5B9E32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B9E32
}
```

## Border

The CSS property to change the border of an element to Hex 5B9E32 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
#5B9E32 }
```

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

```
.border{ border-color:#5B9E32 }
```

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

Here you see how a box with a 4 pixel #5B9E32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B9E32; -webkit-box-shadow:4px 4px  
4px 4px #5B9E32; box-shadow:4px 4px 4px  
4px #5B9E32 }
```

# Background

The CSS property to change the background color of an element to Hex 5B9E32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B9E32 }
```

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

```
.background{ background-color:#5B9E32 }
```

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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