

Converting Colors

Hex(5B9A32)

Have a look what the booklet for
Hex(5B9A32) contains.

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Color

Hex(5B9A32)

Conversions

Conversions Part 1

Format	Color
Hex	5B9A32
RGB	91, 154, 50
RGB Percent	36%, 60%, 20%
CMY	0.6431, 0.3961, 0.8039
CMYK	0.41, 0.00, 0.68, 0.40
HSL	96°, 51%, 40%
HSV	96°, 68%, 60%
XYZ	16.4457, 25.5656, 7.0855
YIQ	123.3070, -4.1640, -45.7000

Conversions

Conversions Part 2

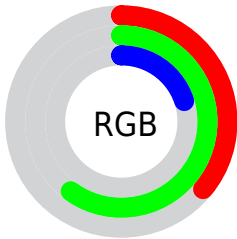
Format	Color
RYB	50, 154, 113
Decimal	6003250
CIELab	57.62, -38.72, 46.49
CIELCh	58, 60.503, 129.790
Yxy	25.5656, 0.3350, 0.5207
Android (android.graphics.Color)	4284193330 (0xFF5B9A32)
YUV	123.3070, -36.1404, -28.3332
Hunter-Lab	50.5625, -30.4263, 27.0852

Details

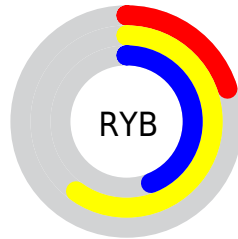
The Hex color **5B9A32** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **71329A**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **92D166**, and **236600** is the 20% darker color. If you saturate the color by 10%, you get **529A23**, and if you desaturate by 10%, it is **649A41**.

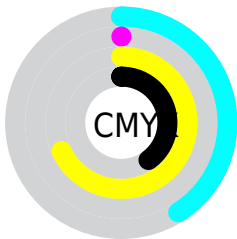
Distribution



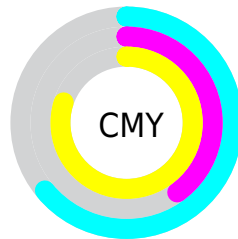
- Red (36%)
- Green (60%)
- Blue (20%)



- Red (20%)
- Yellow (60%)
- Blue (44%)



- Cyan (41%)
- Magenta (0%)
- Yellow (68%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B9A32 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 5B9A32 by changing the saturation by 10% instead.



5B9A32



5B9A32

FFFFFF



408016



92D166



236600



ADED80



004E00



CAFF9B



003600



E7FFB6



002200



FFFFD3



000000



FFFFEF



5B9A32



5B9A32



529A23



649A41

■ 489A13

■ 6E9A51

■ 3F9A04

■ 779A60

■ 3D9A00

■ 809A70

■ 8A9A7F

■ 939A8E

■ 9C9A9E

■ A69AAD

■ AF9ABD

Harmonies

Analogous

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



958D0D



5B9A32



00A164

Triad

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



5B9A32



009AED



EA567B

Complementary

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



5B9A32



71329A

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.



D75EB0



5B9A32



338BF3

Square

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



5B9A32



00A2CD



A375DC



E06449

Rectangle

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



5B9A32



00A388



A375DC



E7568D

Sweetspot

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



5B9A32



B1C9A1



9A7032



57664E



E6E6E6



666666

Same Dimension

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



5B9A32



67C926



329A3C



484D45



378C00



050D00

Inverse Universe

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



71329A



8926C9



9A3290



49454D



55008C



08000D

Previews

White Background



This preview shows how the Hex color 5B9A32 looks on a white background.

Color Contrast Check

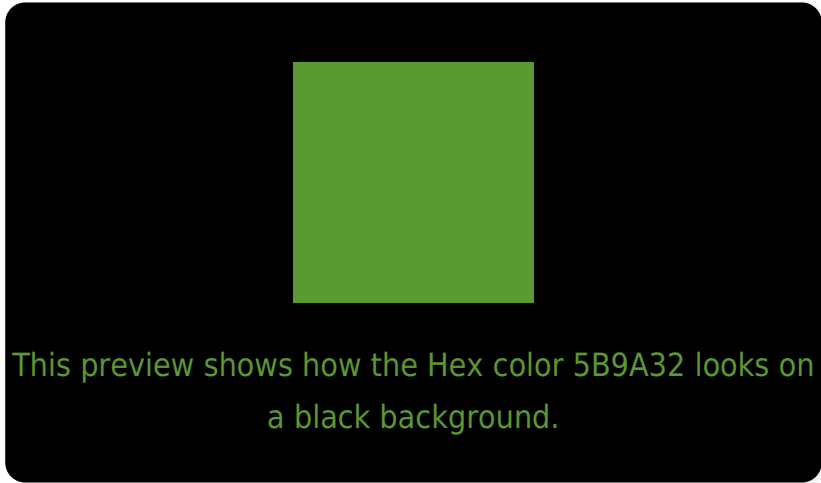
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B9A32 Background



This preview shows how black text looks on a background with the Hex color 5B9A32.

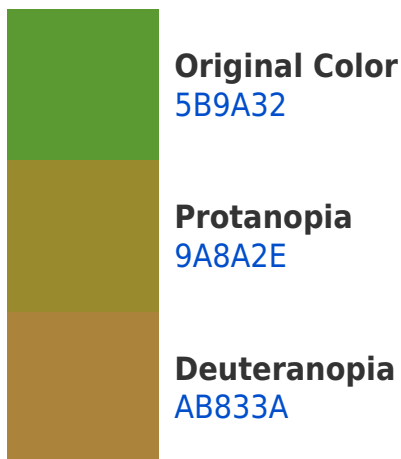


This preview shows how white text looks on a background with the Hex color 5B9A32.

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](#).

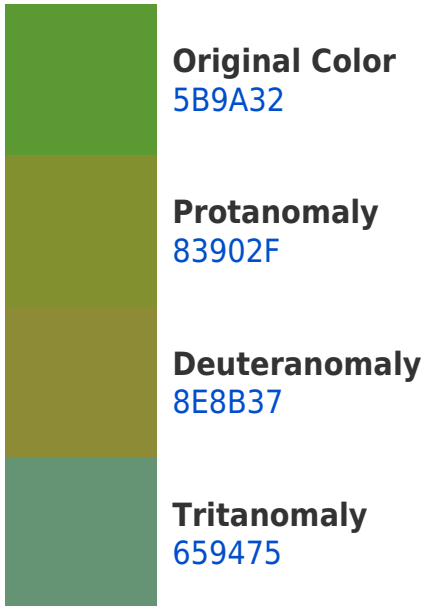
Dichromacy



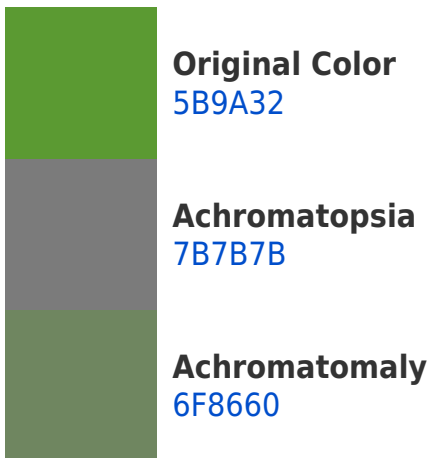


Tritanopia
6B909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B9A32 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 #5B9A32 looks like.

```
.text, #text, p{  
    color:#5B9A32  
}
```

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 #5B9A32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B9A32
}
```

Border

The CSS property to change the border of an element to Hex 5B9A32 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
#5B9A32 }
```

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

```
.border{ border-color:#5B9A32 }
```

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

Here you see how a box with a 4 pixel #5B9A32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B9A32; -webkit-box-shadow:4px 4px  
4px 4px #5B9A32; box-shadow:4px 4px 4px  
4px #5B9A32 }
```

Background

The CSS property to change the background color of an element to Hex 5B9A32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B9A32 }
```

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

```
.background{ background-color:#5B9A32 }
```

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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