

Converting Colors

Hex(60B932)

Have a look what the booklet for
Hex(60B932) contains.

Hex(60B932)	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(60B932)

Conversions

Conversions Part 1

Format	Color
Hex	60B932
RGB	96, 185, 50
RGB Percent	38%, 73%, 20%
CMY	0.6235, 0.2745, 0.8039
CMYK	0.48, 0.00, 0.73, 0.27
HSL	100°, 57%, 46%
HSV	100°, 73%, 73%
XYZ	22.7486, 37.4150, 9.0405
YIQ	142.9990, -9.7090, -60.8530

Conversions

Conversions Part 2

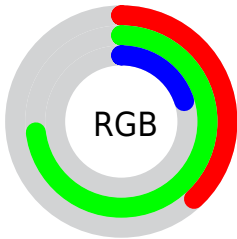
Format	Color
RYB	50, 185, 139
Decimal	6338866
CIELab	67.59, -49.85, 56.86
CIELCh	68, 75.622, 131.240
Yxy	37.4150, 0.3287, 0.5406
Android (android.graphics.Color)	4284528946 (0xFF60B932)
YUV	142.9990, -45.8485, -41.2181
Hunter-Lab	61.1678, -40.6588, 34.0545

Details

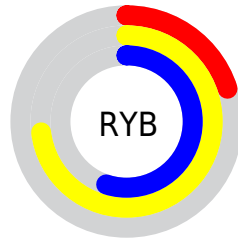
The Hex color **60B932** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **8B32B9**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **99F269**, and **208300** is the 20% darker color. If you saturate the color by 10%, you get **54B920**, and if you desaturate by 10%, it is **6CB945**.

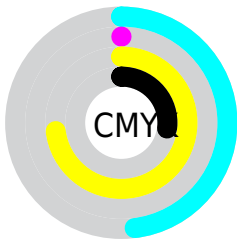
Distribution



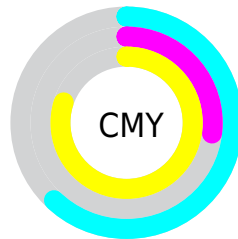
- Red (38%)
- Green (73%)
- Blue (20%)



- Red (20%)
- Yellow (73%)
- Blue (55%)



- Cyan (48%)
- Magenta (0%)
- Yellow (73%)
- Black (27%)



- Cyan (62%)
- Magenta (27%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60B932 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 60B932 by changing the saturation by 10% instead.

 60B932

 60B932

FFFFFF

 429E10

 99F269

 208300

 B6FF84

 006900

 D4FFA0

 005000

 F1FFBC

 003800

 FFFFD8

 002200

 FFFFF5

 000000

 60B932

 60B932

 54B920

 6CB945

 48B90D

 78B957

 3FB900

 85B96A

 91B97C

 9DB98F

 A9B9A1

 B5B9B4

 C2B9C6

 CEB9D9

Harmonies

Analogous

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



ADAA00



60B932



00C176

Triad

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



60B932



00B8FF



FF5D8E

Complementary

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



60B932



8B32B9

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.



FF67D2



60B932



25A4FF

Square

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



60B932



00C2FD



C786FF



FF734D

Rectangle

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



60B932



00C4A6



C786FF



FF5CA5

Sweetspot

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



60B932



CDF0BB



B98A32



637859



F7F7F7



787878

Same Dimension

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



60B932



65F01D



32B946



565C53



359C00



0A1C00

Inverse Universe

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



8B32B9



A81DF0



B932A5



59535C



67009C



12001C

Previews

White Background



This preview shows how the Hex color 60B932 looks on a white background.

Color Contrast Check

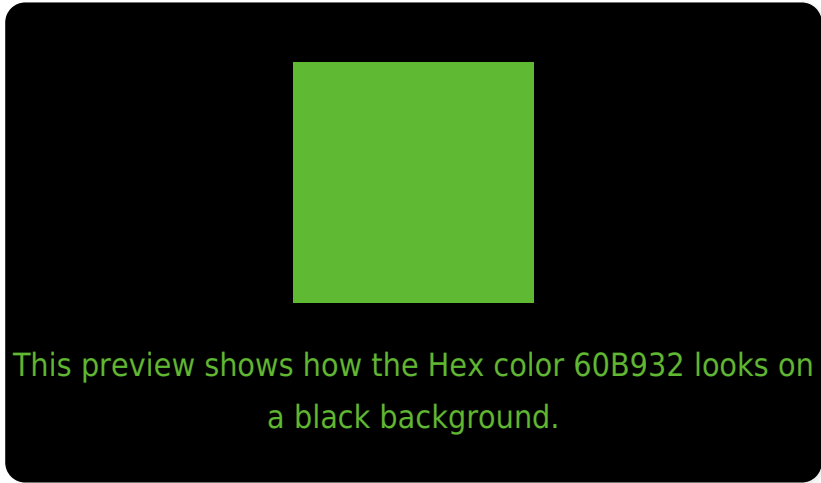
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 60B932 Background



This preview shows how black text looks on a background with the Hex color 60B932.

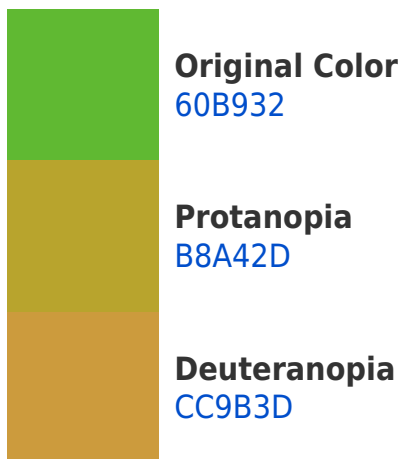


This preview shows how white text looks on a background with the Hex color 60B932.

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



Trichromacy



Original Color
60B932



Protanomaly
98AC2F



Deuteranomaly
A5A639



Tritanomaly
6FB189

Monochromacy



Original Color
60B932



Achromatopsia
8F8F8F



Achromatomaly
7E9E6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 60B932 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 #60B932 looks like.

```
.text, #text, p{  
    color:#60B932  
}
```

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 #60B932 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60B932
}
```

Border

The CSS property to change the border of an element to Hex 60B932 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
#60B932 }
```

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

```
.border{ border-color:#60B932 }
```

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

Here you see how a box with a 4 pixel #60B932 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60B932; -webkit-box-shadow:4px 4px  
4px 4px #60B932; box-shadow:4px 4px 4px  
4px #60B932 }
```

Background

The CSS property to change the background color of an element to Hex 60B932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60B932 }
```

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

```
.background{ background-color:#60B932 }
```

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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