

Converting Colors

Hex(61B927)

Have a look what the booklet for
Hex(61B927) contains.

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Color

Hex(61B927)

Conversions

Conversions Part 1

Format	Color
Hex	61B927
RGB	97, 185, 39
RGB Percent	38%, 73%, 15%
CMY	0.6196, 0.2745, 0.8471
CMYK	0.48, 0.00, 0.79, 0.27
HSL	96°, 65%, 44%
HSV	96°, 79%, 73%
XYZ	22.6449, 37.3858, 7.9421
YIQ	142.0440, -5.5820, -64.0620

Conversions

Conversions Part 2

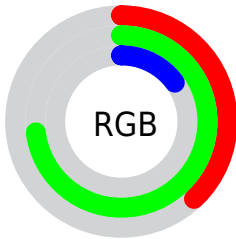
Format	Color
RYB	39, 185, 127
Decimal	6404391
CIELab	67.57, -50.23, 60.51
CIELCh	68, 78.645, 129.695
Yxy	37.3858, 0.3331, 0.5500
Android (android.graphics.Color)	4284594471 (0xFF61B927)
YUV	142.0440, -50.8007, -39.5036
Hunter-Lab	61.1439, -40.8936, 35.0994

Details

The Hex color **61B927** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **7F27B9**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **9BF260**, and **218300** is the 20% darker color. If you saturate the color by 10%, you get **56B915**, and if you desaturate by 10%, it is **6CB93A**.

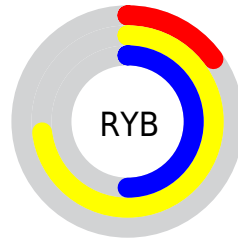
Distribution



Red (38%)

Green (73%)

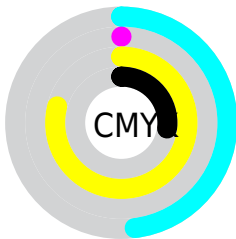
Blue (15%)



Red (15%)

Yellow (73%)

Blue (50%)

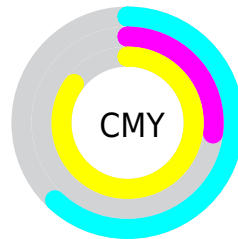


Cyan (48%)

Magenta (0%)

Yellow (79%)

Black (27%)



Cyan (62%)

Magenta (27%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61B927 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 61B927 by changing the saturation by 10% instead.

 61B927

 61B927

FFFFFF

 439E00

 9BF260

 218300

 B8FF7C

 006900

 D5FF97

 005000

 F3FFB4

 003800

 FFFFD0

 002200

 FFFFED

 000000

 61B927

 61B927

 56B915

 6CB93A

 4BB902

 77B94C

 49B900

 82B95F

 8EB971

 99B984

 A4B996

 AFB9A9

 BAB9BB

 C5B9CE

Harmonies

Analogous

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



B0A900



61B927



00C270

Triad

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



61B927



00B9FF



FF5791

Complementary

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



61B927



7F27B9

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.



FF64D7



61B927



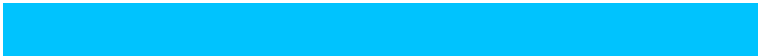
00A6FF

Square

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



61B927



00C3FE



C386FF



FF6E4D

Rectangle

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



61B927



00C4A2



C386FF



FF57A8

Sweetspot

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



61B927



CDF0B6



B97F27



637855



F7F7F7



787878

Same Dimension

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



61B927



66F00C



27B936



565C53



3E9C00



0B1C00

Inverse Universe

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



7F27B9



950CF0



B927AA



58535C



5E009C



11001C

Previews

White Background



This preview shows how the Hex color 61B927 looks on a white background.

Color Contrast Check

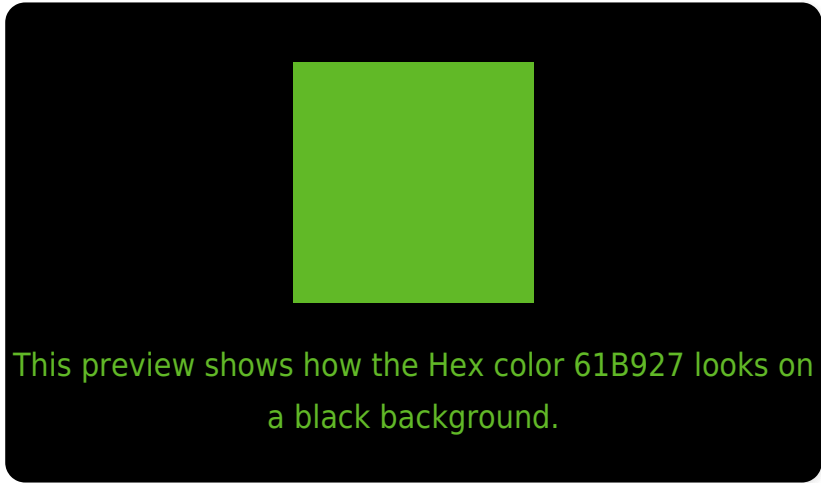
Large Text (above 18pt) WCAG AA × Fail

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

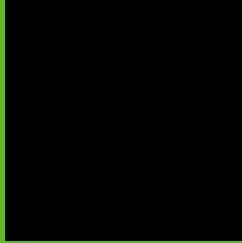
Any Text WCAG AA ✓ Pass

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 61B927 Background



This preview shows how black text looks on a background with the Hex color 61B927.

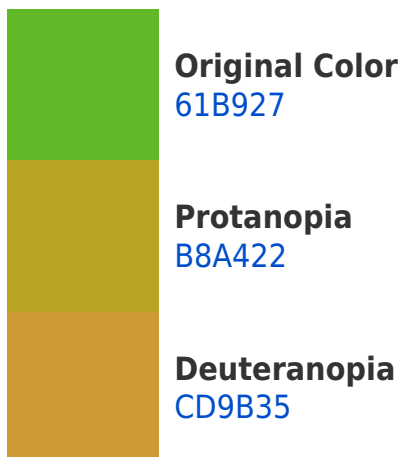


This preview shows how white text looks on a background with the Hex color 61B927.

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](#).

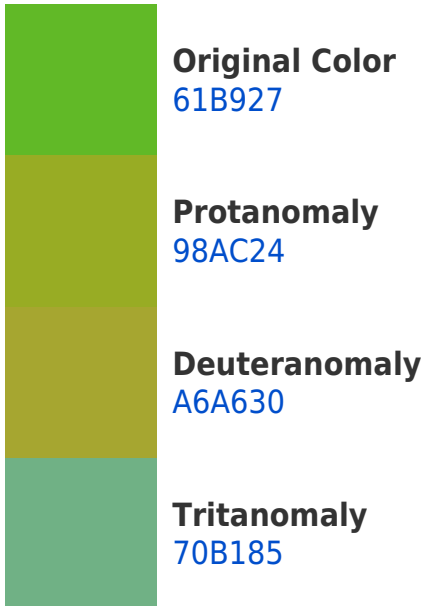
Dichromacy





Tritanopia
78ACBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61B927 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 #61B927 looks like.

```
.text, #text, p{  
    color:#61B927  
}
```

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 #61B927 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B927
}
```

Border

The CSS property to change the border of an element to Hex 61B927 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
#61B927 }
```

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

```
.border{ border-color:#61B927 }
```

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

Here you see how a box with a 4 pixel #61B927 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B927; -webkit-box-shadow:4px 4px  
4px 4px #61B927; box-shadow:4px 4px 4px  
4px #61B927 }
```

Background

The CSS property to change the background color of an element to Hex 61B927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B927 }
```

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

```
.background{ background-color:#61B927 }
```

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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