

Converting Colors

Hex(61B860)

Have a look what the booklet for
Hex(61B860) contains.

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Color

Hex(61B860)

Conversions

Conversions Part 1

Format	Color
Hex	61B860
RGB	97, 184, 96
RGB Percent	38%, 72%, 38%
CMY	0.6196, 0.2784, 0.6235
CMYK	0.47, 0.00, 0.48, 0.28
HSL	119°, 38%, 55%
HSV	119°, 48%, 72%
XYZ	24.1816, 37.6669, 17.0623
YIQ	147.9550, -23.6040, -45.8120

Conversions

Conversions Part 2

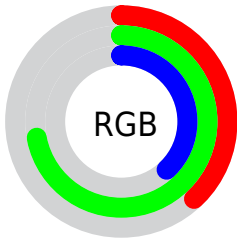
Format	Color
RYB	96, 184, 183
Decimal	6404192
CIELab	67.77, -44.27, 36.61
CIElCh	68, 57.450, 140.409
Yxy	37.6669, 0.3064, 0.4773
Android (android.graphics.Color)	4284594272 (0xFF61B860)
YUV	147.9550, -25.6138, -44.6875
Hunter-Lab	61.3734, -37.0730, 26.4783

Details

The Hex color **61B860** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B760B8**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **99F194**, and **27822F** is the 20% darker color. If you saturate the color by 10%, you get **4FB84E**, and if you desaturate by 10%, it is **73B872**.

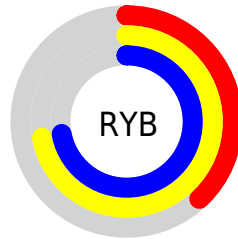
Distribution



Red (38%)

Green (72%)

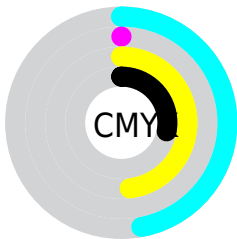
Blue (38%)



Red (38%)

Yellow (72%)

Blue (72%)

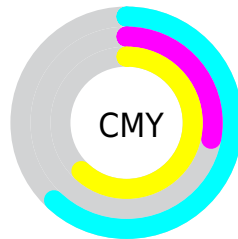


Cyan (47%)

Magenta (0%)

Yellow (48%)

Black (28%)



Cyan (62%)


Magenta (28%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61B860 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 61B860 by changing the saturation by 10% instead.

 61B860

 61B860

FFFFFF

 459D47

 99F194

 27822F

 B5FFAF

 006816

 D2FFCB

 004F00

 EFFF7E

 003700

 002200

 000000

 61B860

 61B860

 4FB84E

 73B872

 3DB83B

 85B885

 2AB829

 98B897

 18B816

 AAB8AA

 06B804

 BCB8BC

 02B800

 CEB8CE

 E0B8E1

 F3B8F3

 FFB8FF

Harmonies

Analogous

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



9FAD3D



61B860



00BE92

Triad

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



61B860



00B0FF



FF7984

Complementary

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



61B860



B760B8

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.



FC79B8



61B860



8A9EFF

Square

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



61B860



00BAF4



D489E8



F48957

Rectangle

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



61B860



00BFB6



D489E8



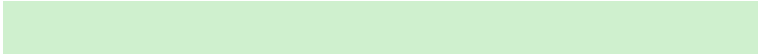
FF7795

Sweetspot

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



61B860



CFF0CE



B8B760



647863



F7F7F7



787878

Same Dimension

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



61B860



69F067



60B88B



535C53



029C00



001C00

Inverse Universe

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



B760B8



EE67F0



B8608D



5C535C



9A009C



1C001C

Previews

White Background



This preview shows how the Hex color 61B860 looks on a white background.

Color Contrast Check

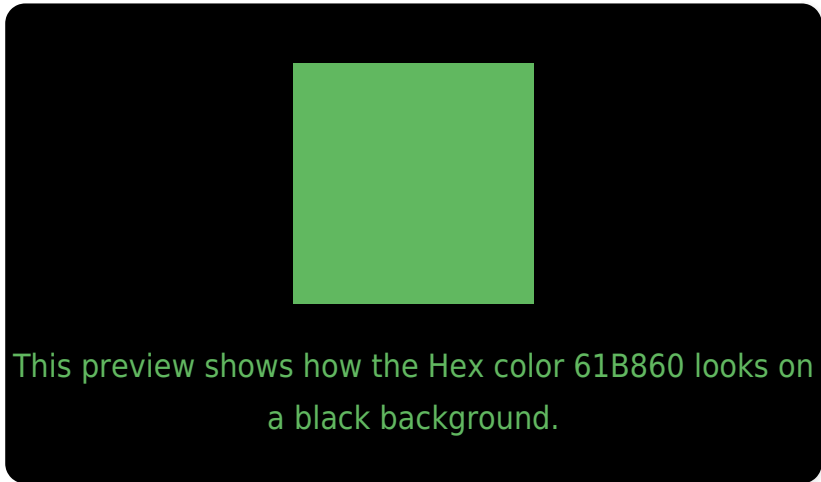
Large Text (above 18pt) WCAG AA × Fail

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

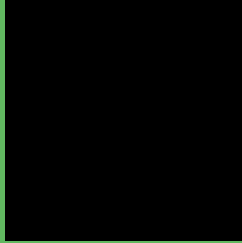
Any Text WCAG AA ✓ Pass

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 61B860 Background



This preview shows how black text looks on a background with the Hex color 61B860.



This preview shows how white text looks on a background with the Hex color 61B860.

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](#).

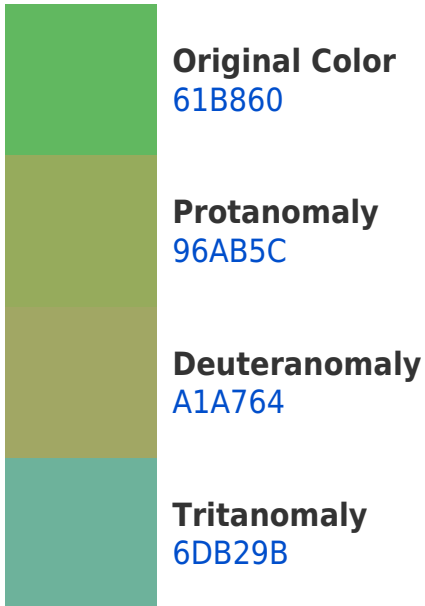
Dichromacy





Tritanopia
74AEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61B860 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 #61B860 looks like.

```
.text, #text, p{  
    color:#61B860  
}
```

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 #61B860 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B860
}
```

Border

The CSS property to change the border of an element to Hex 61B860 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
#61B860 }
```

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

```
.border{ border-color:#61B860 }
```

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

Here you see how a box with a 4 pixel #61B860 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B860; -webkit-box-shadow:4px 4px  
4px 4px #61B860; box-shadow:4px 4px 4px  
4px #61B860 }
```

Background

The CSS property to change the background color of an element to Hex 61B860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B860 }
```

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

```
.background{ background-color:#61B860 }
```

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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