

Converting Colors

Hex(62BB4C)

Have a look what the booklet for
Hex(62BB4C) contains.

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Color

Hex(62BB4C)

Conversions

Conversions Part 1

Format	Color
Hex	62BB4C
RGB	98, 187, 76
RGB Percent	38%, 73%, 30%
CMY	0.6157, 0.2667, 0.7020
CMYK	0.48, 0.00, 0.59, 0.27
HSL	108°, 45%, 52%
HSV	108°, 59%, 73%
XYZ	24.1118, 38.6591, 13.0286
YIQ	147.7350, -17.4130, -53.3890

Conversions

Conversions Part 2

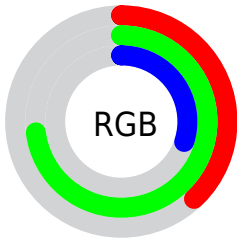
Format	Color
RYB	76, 187, 165
Decimal	6470476
CIELab	68.50, -47.72, 47.14
CIElCh	69, 67.079, 135.349
Yxy	38.6591, 0.3181, 0.5100
Android (android.graphics.Color)	4284660556 (0xFF62BB4C)
YUV	147.7350, -35.3654, -43.6176
Hunter-Lab	62.1765, -39.5871, 31.0997

Details

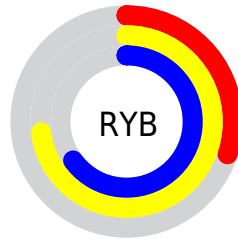
The Hex color **62BB4C** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **A54CBB**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **9BF480**, and **258516** is the 20% darker color. If you saturate the color by 10%, you get **53BB39**, and if you desaturate by 10%, it is **71BB5F**.

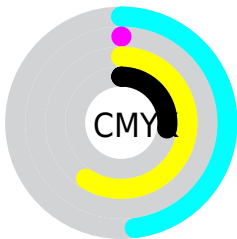
Distribution



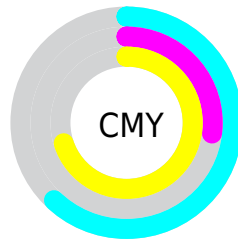
- Red (38%)
- Green (73%)
- Blue (30%)



- Red (30%)
- Yellow (73%)
- Blue (65%)



- Cyan (48%)
- Magenta (0%)
- Yellow (59%)
- Black (27%)



- Cyan (62%)
- Magenta (27%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62BB4C 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 62BB4C by changing the saturation by 10% instead.

 62BB4C

 62BB4C

FFFFFF

 45A032

 9BF480

 258516

 B7FF9B

 006B00

 D4FFB7

 005200

 F2FFD3

 003A00

 FFFFF0

 002400

 000000

 62BB4C

 62BB4C

 53BB39

 71BB5F

 44BB27

 80BB71

 35BB14

 8FBB84

 26BB01

 9EBB97

 25BB00

 ADBBAA

 BCBBBC

 CBBBCF

 DABBE2

 E9BBF4

Harmonies

Analogous

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



A9AE21



62BB4C



00C286

Triad

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



62BB4C



00B6FF



FF6E8A

Complementary

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



62BB4C



A54CBB

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.



FF72C7



62BB4C



6BA3FF

Square

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



62BB4C



00C1FC



D289FD



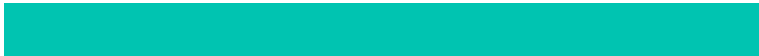
FF8053

Rectangle

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



62BB4C



00C4B1



D289FD



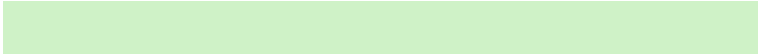
FF6C9F

Sweetspot

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



62BB4C



CFF2C7



BBA54C



657A5F



FAFAFA



7A7A7A

Same Dimension

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



62BB4C



68F246



4CBB6D



575E55



1F9E00



061F00

Inverse Universe

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



A54CBB



D046F2



BB4C9A



5C555E



7F009E



19001F

Previews

White Background



This preview shows how the Hex color 62BB4C looks on a white background.

Color Contrast Check

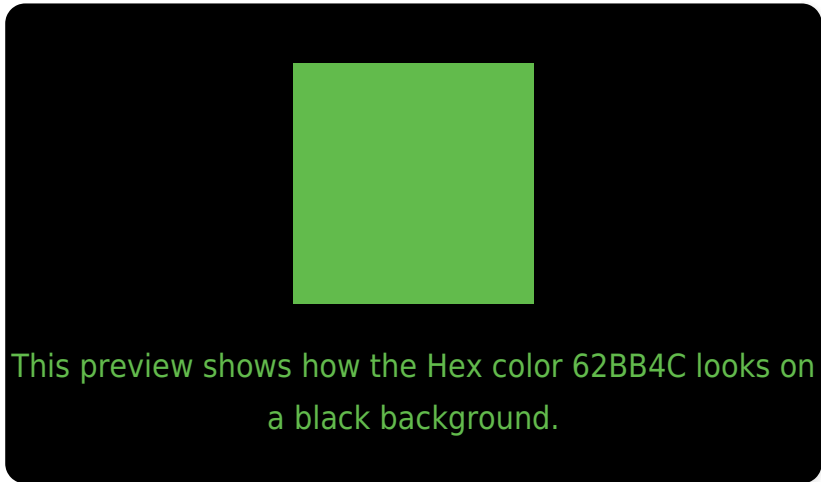
Large Text (above 18pt) WCAG AA × Fail

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

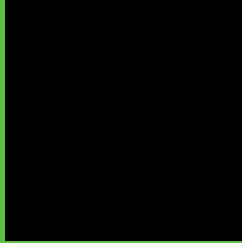
Any Text WCAG AA ✓ Pass

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 62BB4C Background



This preview shows how black text looks on a background with the Hex color 62BB4C.

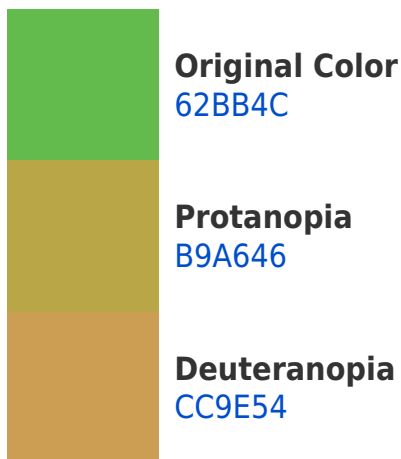


This preview shows how white text looks on a background with the Hex color 62BB4C.

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
77AFBE

Trichromacy



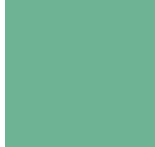
Original Color
62BB4C



Protanomaly
99AE48



Deuteranomaly
A5A951



Tritanomaly
6FB395

Monochromacy



Original Color
62BB4C



Achromatopsia
949494



Achromatomaly
82A27A

CSS Examples

Text

The CSS property to change the color of the text to Hex 62BB4C 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 #62BB4C looks like.

```
.text, #text, p{  
    color:#62BB4C  
}
```

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 #62BB4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62BB4C
}
```

Border

The CSS property to change the border of an element to Hex 62BB4C 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
#62BB4C }
```

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

```
.border{ border-color:#62BB4C }
```

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

Here you see how a box with a 4 pixel #62BB4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62BB4C; -webkit-box-shadow:4px 4px  
4px 4px #62BB4C; box-shadow:4px 4px 4px  
4px #62BB4C }
```

Background

The CSS property to change the background color of an element to Hex 62BB4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62BB4C }
```

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

```
.background{ background-color:#62BB4C }
```

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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