

# Converting Colors

Hex(62DD4C)

Have a look what the booklet for  
Hex(62DD4C) contains.

|  |    |
|--|----|
| <b>Hex(62DD4C)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

**Color**

**Hex(62DD4C)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 62DD4C                       |
| RGB         | 98, 221, 76                  |
| RGB Percent | 38%, 87%, 30%                |
| CMY         | 0.6157, 0.1333, 0.7020       |
| CMYK        | 0.56, 0.00, 0.66, 0.13       |
| HSL         | 111°, 68%, 58%               |
| HSV         | 111°, 66%, 87%               |
| XYZ         | 32.1980, 54.8314, 15.7240    |
| YIQ         | 167.6930, -26.7630, -71.1710 |

# Conversions

## Conversions Part 2

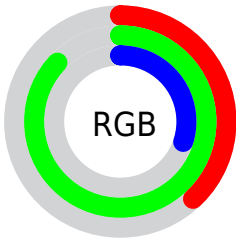
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 76, 221, 199                    |
| Decimal                             | 6479180                         |
| CIELab                              | 78.94, -60.69, 58.77            |
| CIELCh                              | 79, 84.480, 135.922             |
| Yxy                                 | 54.8314, 0.3134,<br>0.5336      |
| Android<br>(android.graphics.Color) | 4284669260<br>(0xFF62DD4C)      |
| YUV                                 | 167.6930, -45.2046,<br>-61.1208 |
| Hunter-Lab                          | 74.0482, -51.9682,<br>39.2436   |

# Details

The Hex color **62DD4C** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **C74CDD**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **9FFF83**, and **13A50A** is the 20% darker color. If you saturate the color by 10%, you get **4FDD36**, and if you desaturate by 10%, it is **75DD62**.

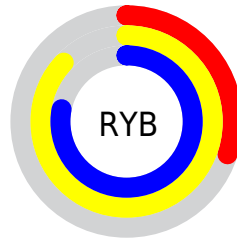
# Distribution



Red (38%)

Green (87%)

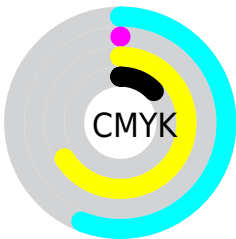
Blue (30%)



Red (30%)

Yellow (87%)

Blue (78%)

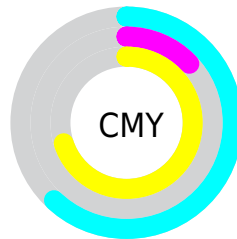


Cyan (56%)

Magenta (0%)

Yellow (66%)

Black (13%)



Cyan (62%)

Magenta (13%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62DD4C 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 62DD4C by changing the saturation by 10% instead.



 62DD4C

 62DD4C

FFFFFF

 41C12F

 9FFF83

 13A50A

 BDF9F

 008A00

 DBFFBB

 006F00

 F9FFD7

 005500

 FFFFF5

 003D00

 002500

 000000

 62DD4C

 62DD4C

 4FDD36

 75DD62

 3DDD20

 87DD78

 2ADD0A

 9ADD8E

 22DD00

 ADDDA4

 C0DDBB

 D2DDD1

 E5DDE7

 F8DDFD

 FFDDFF

# Harmonies

## Analogous

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



C2CD00



62DD4C



00E59A

# Triad

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



62DD4C



00D7FF



FF749D

# Complementary

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



62DD4C



C74CDD

# 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.



FF79EC



62DD4C



6DBEFF

# Square

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



62DD4C



00E4FF



FB9BFF



FF9054

# Rectangle

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



62DD4C



00E8D1



FB9BFF



FF71B7

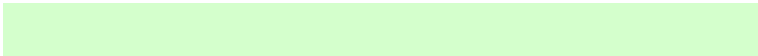


# Sweetspot

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



62DD4C



D4FFCC



DDC54C



668061



000000



808080



# Same Dimension

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



62DD4C



54FF36



4CDD7C



646E63



1AAD00



072E00



# Inverse Universe

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



C74CDD



E036FF



DD4CAD



6C636E



9300AD

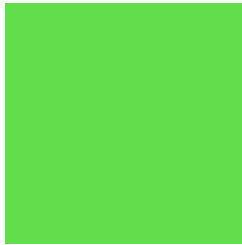


27002E



# Previews

## White Background



This preview shows how the Hex color 62DD4C looks on a white background.

## Color Contrast Check

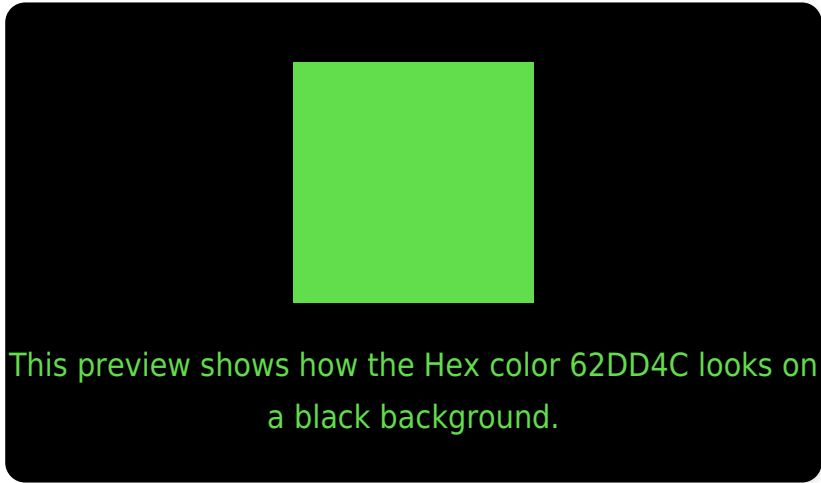
Large Text (above 18pt) WCAG AA × Fail

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 62DD4C Background



This preview shows how black text looks on a background with the Hex color 62DD4C.

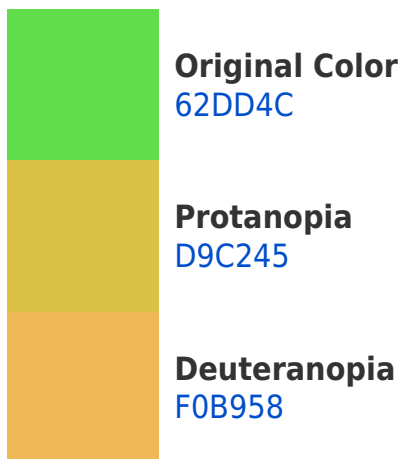


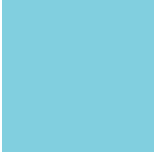
This preview shows how white text looks on a background with the Hex color 62DD4C.

# 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**  
81CFDF

# Trichromacy



**Original Color**  
62DD4C



**Protanomaly**  
AECC48



**Deuteranomaly**  
BCC654

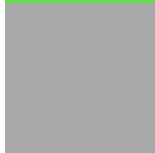


**Tritanomaly**  
76D4AA

# Monochromacy



**Original Color**  
62DD4C



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
8FBB87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62DD4C 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 #62DD4C looks like.

```
.text, #text, p{  
    color:#62DD4C  
}
```

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 #62DD4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62DD4C
}
```

## Border

The CSS property to change the border of an element to Hex 62DD4C 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
#62DD4C }
```

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

```
.border{ border-color:#62DD4C }
```

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

Here you see how a box with a 4 pixel #62DD4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62DD4C; -webkit-box-shadow:4px 4px  
4px 4px #62DD4C; box-shadow:4px 4px 4px  
4px #62DD4C }
```

# Background

The CSS property to change the background color of an element to Hex 62DD4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62DD4C }
```

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

```
.background{ background-color:#62DD4C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor