

# Converting Colors

Hex(62C459)

Have a look what the booklet for  
Hex(62C459) contains.

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# **Color**

**Hex(62C459)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62C459
RGB	98, 196, 89
RGB Percent	38%, 77%, 35%
CMY	0.6157, 0.2314, 0.6510
CMYK	0.50, 0.00, 0.55, 0.23
HSL	115°, 48%, 56%
HSV	115°, 55%, 77%
XYZ	26.5801, 42.7978, 16.3111
YIQ	154.5000, -24.0610, -54.0530

# Conversions

## Conversions Part 2

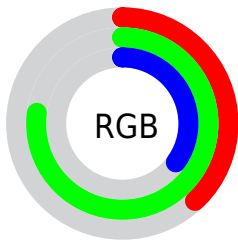
Format	Color
<a href="#">RYB</a>	<a href="#">89, 196, 187</a>
Decimal	<a href="#">6472793</a>
CIELab	<a href="#">71.42, -49.83, 44.50</a>
CIElCh	<a href="#">71, 66.807, 138.233</a>
Yxy	<a href="#">42.7978, 0.3102, 0.4995</a>
Android (android.graphics.Color)	<a href="#">4284662873</a> (0xFF62C459)
YUV	<a href="#">154.5000, -32.2915, -49.5505</a>
Hunter-Lab	<a href="#">65.4200, -41.9606, 31.0113</a>

# Details

The Hex color **62C459** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **BB59C4**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **9BFD8E**, and **238D26** is the 20% darker color. If you saturate the color by 10%, you get **50C445**, and if you desaturate by 10%, it is **74C46D**.

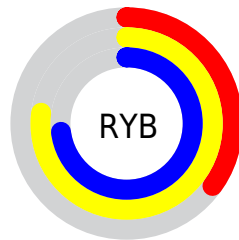
# Distribution



Red (38%)

Green (77%)

Blue (35%)



Red (35%)

Yellow (77%)

Blue (73%)

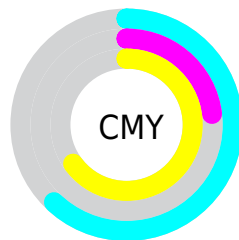


Cyan (50%)

Magenta (0%)

Yellow (55%)

Black (23%)



Cyan (62%)

Magenta (23%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62C459 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 62C459 by changing the saturation by 10% instead.



 62C459

 62C459

FFFFFF

 45A83F

 9BFD8E

 238D26

 B8FFA9

 007306

 D5FFC5

 005A00

 F3FFE1

 004100

FFFFFFE

 002C00

 000A00

 000000

 62C459

 62C459

 50C445

 74C46D

 3EC432

 86C480

 2CC41E

 98C494

 1AC40B

 AAC4A7

 10C400

 BCC4BB

 CEC4CF

 E0C4E2

 F2C4F6

 FFC4FF

# Harmonies

## Analogous

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



ABB72E



62C459



00CB94

# Triad

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



62C459



00BDFE



FF788C

# Complementary

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



62C459



BB59C4

# 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.



FF79CA



62C459



83A9FF

# Square

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



62C459



00C8FF



E18FFF



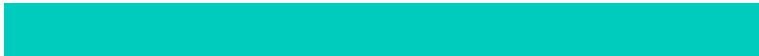
FF8B56

# Rectangle

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



62C459



00CCBE



E18FFF



FF75A1

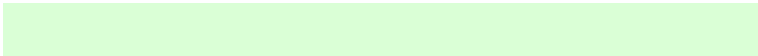


# Sweetspot

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



62C459



DAFFD6



C4B959



698067



000000



808080



# Same Dimension

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



62C459



65FF57



59C484



586157



0EA100



032100



# Inverse Universe

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



BB59C4



F157FF



C45999



605761



9300A1



1E0021



# Previews

## White Background



This preview shows how the Hex color 62C459 looks on a white background.

## Color Contrast Check

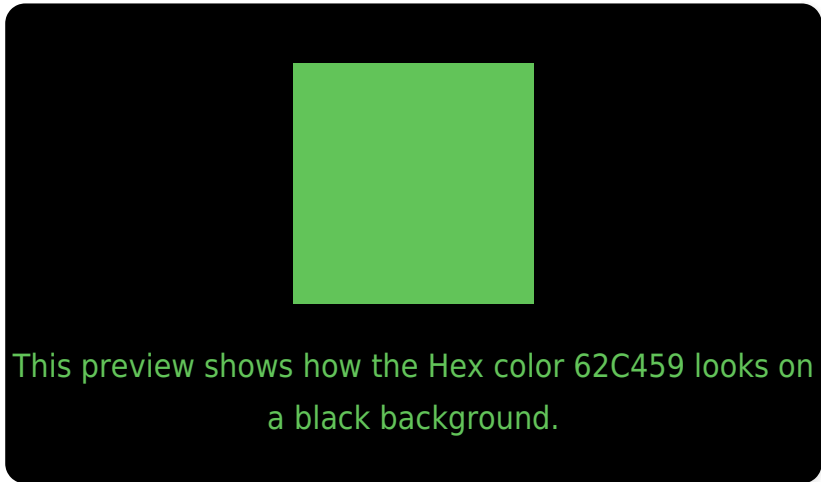
Large Text (above 18pt) WCAG AA × Fail

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

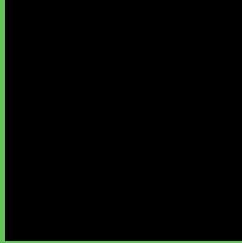
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 62C459 Background



This preview shows how black text looks on a background with the Hex color 62C459.

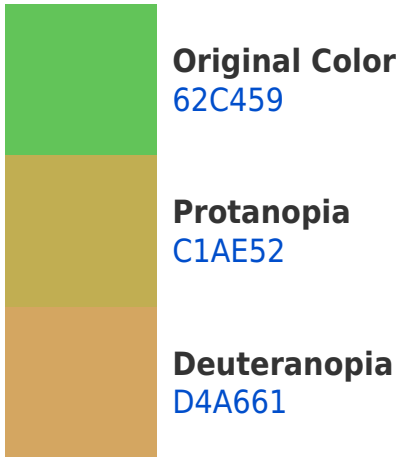


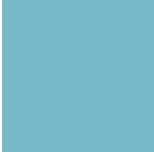
This preview shows how white text looks on a background with the Hex color 62C459.

# 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](#).

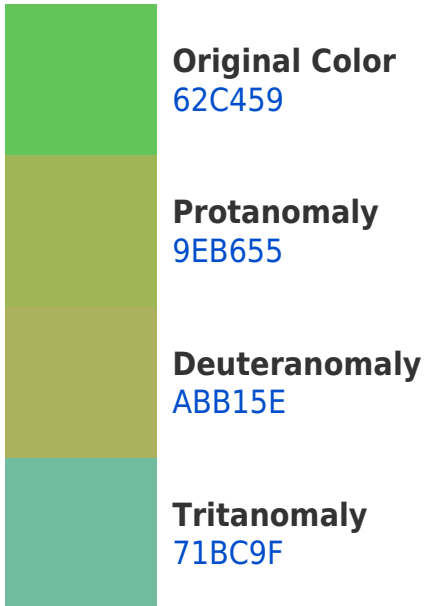
## Dichromacy



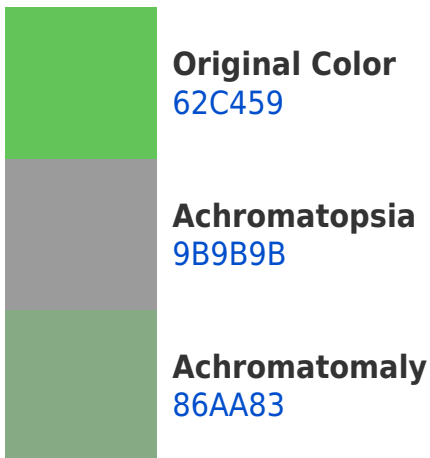


**Tritanopia**  
79B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62C459 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 #62C459 looks like.

```
.text, #text, p{  
    color:#62C459  
}
```

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 #62C459 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62C459
}
```

## Border

The CSS property to change the border of an element to Hex 62C459 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
#62C459 }
```

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

```
.border{ border-color:#62C459 }
```

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

Here you see how a box with a 4 pixel #62C459 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62C459; -webkit-box-shadow:4px 4px  
4px 4px #62C459; box-shadow:4px 4px 4px  
4px #62C459 }
```

# Background

The CSS property to change the background color of an element to Hex 62C459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62C459 }
```

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

```
.background{ background-color:#62C459 }
```

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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