

# Converting Colors

Hex(62CC62)

Have a look what the booklet for  
Hex(62CC62) contains.

<b>Hex(62CC62)</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(62CC62)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62CC62
RGB	98, 204, 98
RGB Percent	38%, 80%, 38%
CMY	0.6157, 0.2000, 0.6157
CMYK	0.52, 0.00, 0.52, 0.20
HSL	120°, 51%, 59%
HSV	120°, 52%, 80%
XYZ	28.8345, 46.6642, 19.0426
YIQ	160.2220, -29.1500, -55.4380

# Conversions

## Conversions Part 2

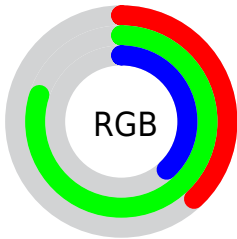
Format	Color
<b>RYB</b>	98, 204, 204
Decimal	6474850
CIELab	73.97, -51.86, 43.28
CIElCh	74, 67.546, 140.149
Yxy	46.6642, 0.3050, 0.4936
Android (android.graphics.Color)	4284664930 (0xFF62CC62)
YUV	160.2220, -30.6754, -54.5687
Hunter-Lab	68.3112, -44.1990, 31.2900

# Details

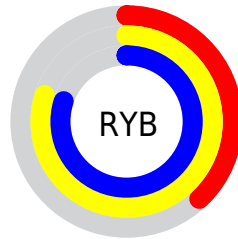
The Hex color **62CC62** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **CC62CC**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **9CFF97**, and **21952F** is the 20% darker color. If you saturate the color by 10%, you get **4ECC4E**, and if you desaturate by 10%, it is **76CC76**.

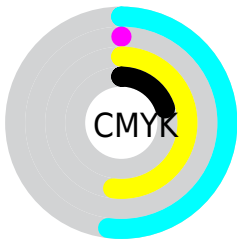
# Distribution



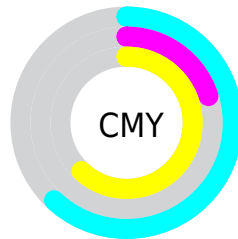
- Red (38%)
- Green (80%)
- Blue (38%)



- Red (38%)
- Yellow (80%)
- Blue (80%)



- Cyan (52%)
- Magenta (0%)
- Yellow (52%)
- Black (20%)



- Cyan (62%)
- Magenta (20%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62CC62 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 62CC62 by changing the saturation by 10% instead.



 62CC62

 62CC62

FFFFFF

 44B048

 9CFF97

 21952F

 B9FFB2

 007A14

 D6FFCE

 006000

 F4FFEB

 004700

 003100

 001600

 000000

 62CC62

 62CC62

 4ECC4E

 76CC76

 39CC39

 8BCC8B

 25CC25

 9FCC9F

 10CC10

 B4CCB4

 00CC00

 C8CCC8

 DCCCCDC

 F1CCF1

 FFCCFF

# Harmonies

## Analogous

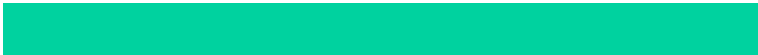
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AEBF36



62CC62



00D29F

# Triad

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



62CC62



00C3FF



FF7F8F

# Complementary

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



62CC62



CC62CC

# 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.



FF7ECD



62CC62



92AEFF

# Square

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



62CC62



00CFFF



ED93FF



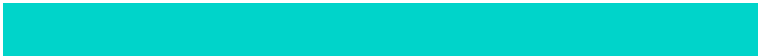
FF9358

# Rectangle

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



62CC62



00D4CA



ED93FF



FF7CA3

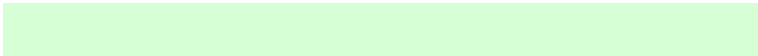


# Sweetspot

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



62CC62



D6FFD6



C6CC62



678067



000000



808080



# Same Dimension

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



62CC62



61FF61



62CC97



5C665C



00A600



002600



# Inverse Universe

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



CC62CC



FF61FF



CC6297



665C66



A600A6

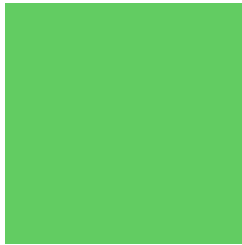


260026



# Previews

## White Background



This preview shows how the Hex color 62CC62 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



This preview shows how the Hex color 62CC62 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

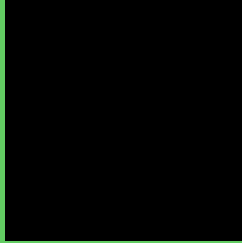
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 62CC62 Background



This preview shows how black text looks on a background with the Hex color 62CC62.

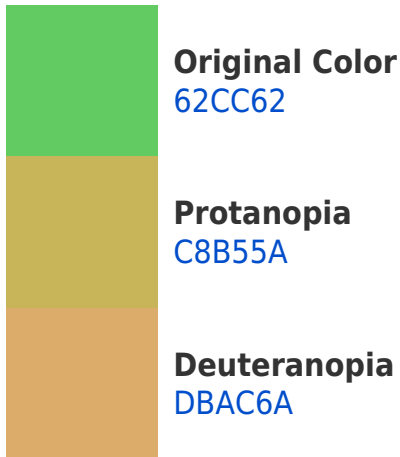


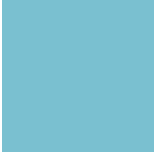
This preview shows how white text looks on a background with the Hex color 62CC62.

# 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**  
7AC0D0

# Trichromacy



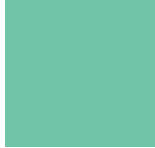
**Original Color**  
62CC62



**Protanomaly**  
A3BD5D



**Deuteranomaly**  
AFB867



**Tritanomaly**  
71C4A8

# Monochromacy



**Original Color**  
62CC62



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
89B089

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62CC62 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 #62CC62 looks like.

```
.text, #text, p{  
    color:#62CC62  
}
```

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 #62CC62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62CC62
}
```

## Border

The CSS property to change the border of an element to Hex 62CC62 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
#62CC62 }
```

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

```
.border{ border-color:#62CC62 }
```

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

Here you see how a box with a 4 pixel #62CC62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62CC62; -webkit-box-shadow:4px 4px  
4px 4px #62CC62; box-shadow:4px 4px 4px  
4px #62CC62 }
```

# Background

The CSS property to change the background color of an element to Hex 62CC62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62CC62 }
```

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

```
.background{ background-color:#62CC62 }
```

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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