

# Converting Colors

Hex(62B467)

Have a look what the booklet for  
Hex(62B467) contains.

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**Color**

**Hex(62B467)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62B467
RGB	98, 180, 103
RGB Percent	38%, 71%, 40%
CMY	0.6157, 0.2941, 0.5961
CMYK	0.46, 0.00, 0.43, 0.29
HSL	124°, 35%, 55%
HSV	124°, 46%, 71%
XYZ	23.8064, 36.2185, 18.5681
YIQ	146.7040, -24.1550, -41.3310

# Conversions

## Conversions Part 2

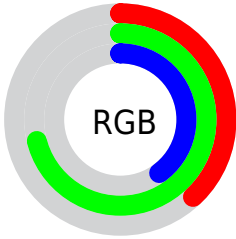
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 175, 180
Decimal	6468711
CIELab	66.69, -41.23, 31.65
CIElCh	67, 51.980, 142.485
Yxy	36.2185, 0.3029, 0.4608
Android (android.graphics.Color)	4284658791 (0xFF62B467)
YUV	146.7040, -21.5461, -42.7134
Hunter-Lab	60.1818, -34.7079, 23.8343

# Details

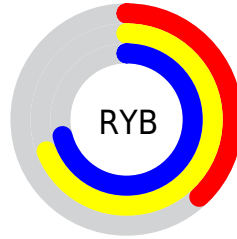
The Hex color **62B467** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B462AF**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **99EC9B**, and **2A7E36** is the 20% darker color. If you saturate the color by 10%, you get **50B456**, and if you desaturate by 10%, it is **74B478**.

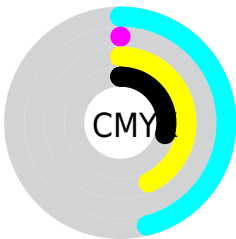
# Distribution



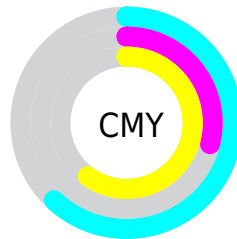
- Red (38%)
- Green (71%)
- Blue (40%)



- Red (38%)
- Yellow (69%)
- Blue (71%)



- Cyan (46%)
- Magenta (0%)
- Yellow (43%)
- Black (29%)



- Cyan (62%)
- Magenta (29%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62B467 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 62B467 by changing the saturation by 10% instead.



 62B467

 62B467


FFFFFF

 47994E

 99EC9B

 2A7E36

 B5FFB6

 00651F

 D2FFD2

 004C06

 EFFFEE

 003400

 001F00

 000000

 62B467

 62B467

 50B456

 74B478

 3EB445

 86B489

 2CB434

 98B49A

 1AB423

 AAB4AB

 08B412

 BCB4BC

 00B40B

 CEB4CC

 E0B4DD

 F2B4EE

 FFB4FF

# Harmonies

## Analogous

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



9AAA47



62B467



00B994

# Triad

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



62B467



00ABFF



F97C81

# Complementary

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



62B467



B462AF

# 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.



F27BB0



62B467



929BF9

# Square

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



62B467



00B5EB



D088DC



E98A59

# Rectangle

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



62B467



00BAB5



D088DC



FA7A90



# Sweetspot

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



62B467



CAEBCC



B0B462



617563



F5F5F5



757575



# Same Dimension

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



62B467



6AEB71



62B48F



505951



009909



001A02



# Inverse Universe

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



B462AF



EB6AE3



B46287



595059



990090



1A0018



# Previews

## White Background



This preview shows how the Hex color 62B467 looks on a white background.

## Color Contrast Check

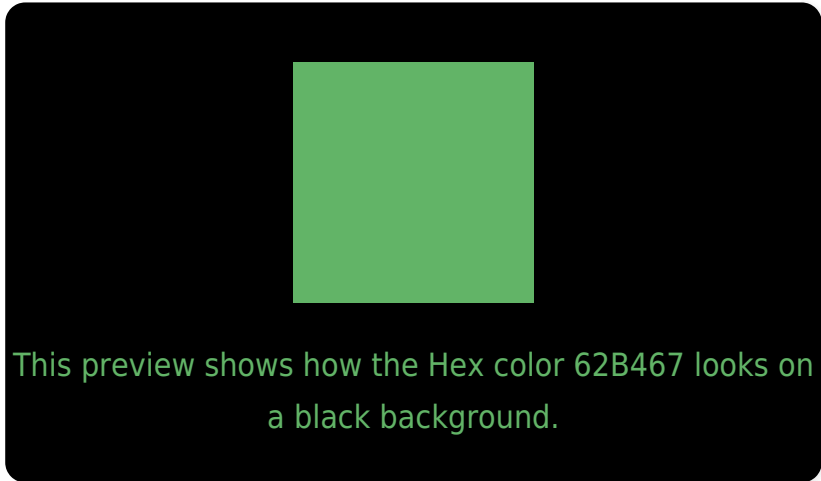
Large Text (above 18pt) WCAG AA × Fail

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

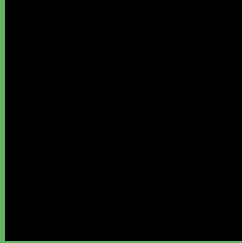
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 62B467 Background



This preview shows how black text looks on a background with the Hex color 62B467.

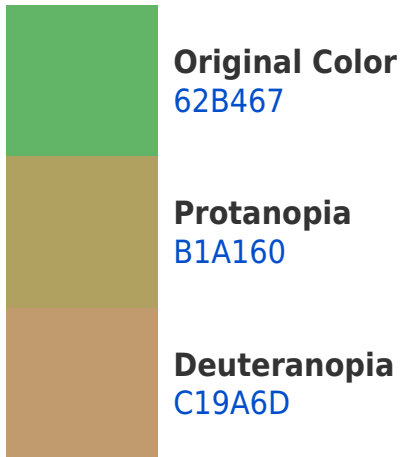


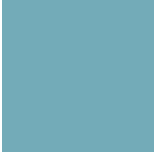
This preview shows how white text looks on a background with the Hex color 62B467.

# 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](#).

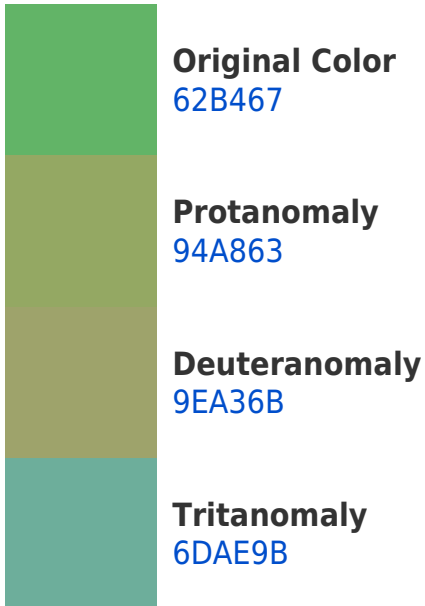
## Dichromacy





**Tritanopia**  
73ABB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62B467 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 #62B467 looks like.

```
.text, #text, p{  
    color:#62B467  
}
```

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 #62B467 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62B467
}
```

## Border

The CSS property to change the border of an element to Hex 62B467 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
#62B467 }
```

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

```
.border{ border-color:#62B467 }
```

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

Here you see how a box with a 4 pixel #62B467 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62B467; -webkit-box-shadow:4px 4px  
4px 4px #62B467; box-shadow:4px 4px 4px  
4px #62B467 }
```

# Background

The CSS property to change the background color of an element to Hex 62B467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62B467 }
```

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

```
.background{ background-color:#62B467 }
```

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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