

Converting Colors

Hex(62AF50)

Have a look what the booklet for
Hex(62AF50) contains.

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Color

Hex(62AF50)

Conversions

Conversions Part 1

Format	Color
Hex	62AF50
RGB	98, 175, 80
RGB Percent	38%, 69%, 31%
CMY	0.6157, 0.3137, 0.6863
CMYK	0.44, 0.00, 0.54, 0.31
HSL	109°, 37%, 50%
HSV	109°, 54%, 69%
XYZ	21.8149, 33.8358, 12.9706
YIQ	141.1470, -15.3970, -45.8690

Conversions

Conversions Part 2

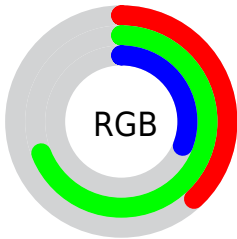
Format	Color
RYB	80, 175, 157
Decimal	6467408
CIELab	64.83, -42.28, 40.96
CIELCh	65, 58.867, 135.912
Yxy	33.8358, 0.3179, 0.4931
Android (android.graphics.Color)	4284657488 (0xFF62AF50)
YUV	141.1470, -30.1455, -37.8399
Hunter-Lab	58.1685, -34.8521, 27.4973

Details

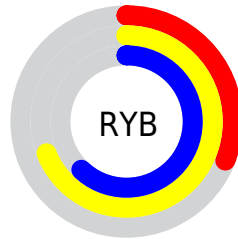
The Hex color **62AF50** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9D50AF**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **99E784**, and **2A7A1E** is the 20% darker color. If you saturate the color by 10%, you get **54AF3F**, and if you desaturate by 10%, it is **70AF62**.

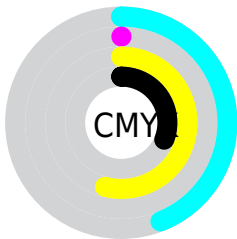
Distribution



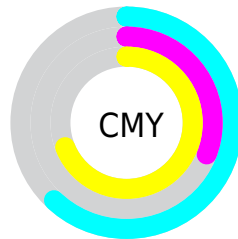
- Red (38%)
- Green (69%)
- Blue (31%)



- Red (31%)
- Yellow (69%)
- Blue (62%)



- Cyan (44%)
- Magenta (0%)
- Yellow (54%)
- Black (31%)



- Cyan (62%)
- Magenta (31%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62AF50 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 62AF50 by changing the saturation by 10% instead.

 62AF50

 62AF50

FFFFFF

 479437

 99E784

 2A7A1E

 B5FF9E

 006000

 D2FFBA

 004800

 EFFFFD6

 003000

 FFFFF3

 001A00

 000000

 62AF50

 62AF50

 54AF3F

 70AF62

 46AF2D

 7EAF73

 37AF1C

 8DAF85

 29AF0A

 9BAF96

 21AF00

 A9AFA8

 B7AFB9

 C5AFCB

 D3AFDC

 E2AFEE

Harmonies

Analogous

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



9FA32F



62AF50



00B582

Triad

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



62AF50



00A AFF



FE6E83

Complementary

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



62AF50



9D50AF

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.



F171B8



62AF50



7099FF

Square

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



62AF50



00B4E8



C483E7



F07D54

Rectangle

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



62AF50



00B7A6



C483E7



FD6D95

Sweetspot

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



62AF50



C6E3BF



AF9C50



61735D



F2F2F2



737373

Same Dimension

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



62AF50



6BE34F



50AF6D



50574E



1D9600



041700

Inverse Universe

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



9D50AF



C74FE3



AF5093



554E57



7A0096



130017

Previews

White Background



This preview shows how the Hex color 62AF50 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

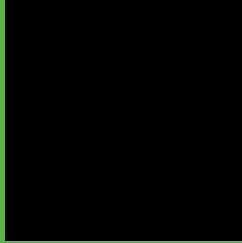
Any Text WCAG AA ✓ Pass

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 62AF50 Background



This preview shows how black text looks on a background with the Hex color 62AF50.



This preview shows how white text looks on a background with the Hex color 62AF50.

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



Original Color
62AF50

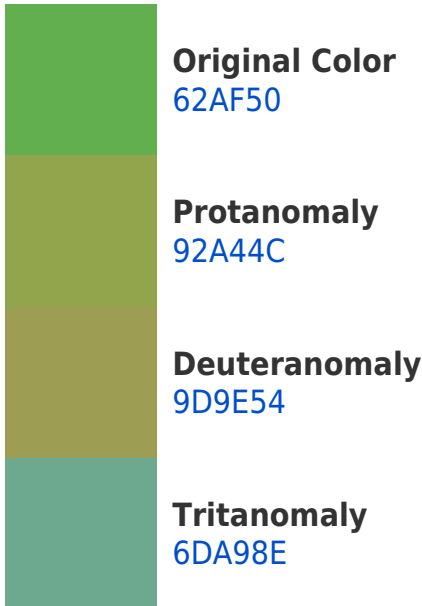
Protanopia
AD9D4A

Deuteranopia
BF9557

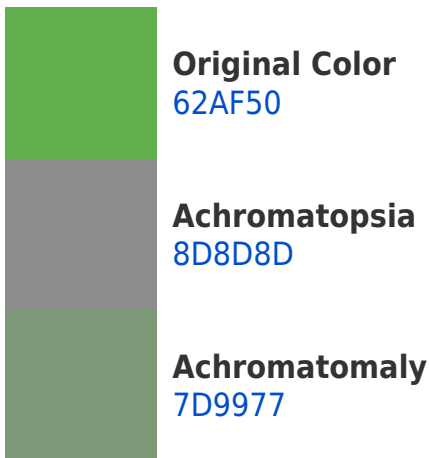


Tritanopia
74A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 62AF50 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 #62AF50 looks like.

```
.text, #text, p{  
    color:#62AF50  
}
```

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 #62AF50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62AF50
}
```

Border

The CSS property to change the border of an element to Hex 62AF50 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
#62AF50 }
```

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

```
.border{ border-color:#62AF50 }
```

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

Here you see how a box with a 4 pixel #62AF50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62AF50; -webkit-box-shadow:4px 4px  
4px 4px #62AF50; box-shadow:4px 4px 4px  
4px #62AF50 }
```

Background

The CSS property to change the background color of an element to Hex 62AF50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62AF50 }
```

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

```
.background{ background-color:#62AF50 }
```

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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