

Converting Colors

Hex(62AF3F)

Have a look what the booklet for
Hex(62AF3F) contains.

Hex(62AF3F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(62AF3F)

Conversions

Conversions Part 1

Format	Color
Hex	62AF3F
RGB	98, 175, 63
RGB Percent	38%, 69%, 25%
CMY	0.6157, 0.3137, 0.7529
CMYK	0.44, 0.00, 0.64, 0.31
HSL	101°, 47%, 47%
HSV	101°, 64%, 69%
XYZ	21.2642, 33.6155, 10.0703
YIQ	139.2090, -9.9400, -51.1560

Conversions

Conversions Part 2

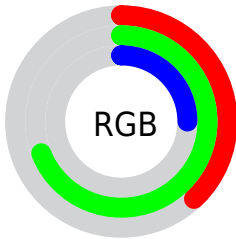
Format	Color
RYB	63, 175, 140
Decimal	6467391
CIELab	64.66, -44.12, 48.62
CIELCh	65, 65.653, 132.226
Yxy	33.6155, 0.3274, 0.5176
Android (android.graphics.Color)	4284657471 (0xFF62AF3F)
YUV	139.2090, -37.5710, -36.1403
Hunter-Lab	57.9789, -35.9968, 30.2872

Details

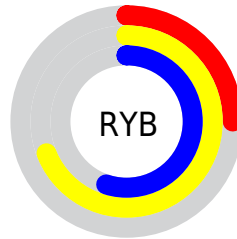
The Hex color **62AF3F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8C3FAF**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **9AE773**, and **287A01** is the 20% darker color. If you saturate the color by 10%, you get **56AF2E**, and if you desaturate by 10%, it is **6EAF51**.

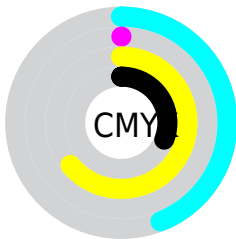
Distribution



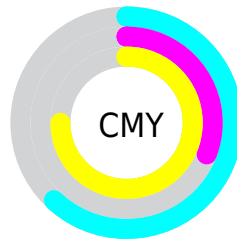
- Red (38%)
- Green (69%)
- Blue (25%)



- Red (25%)
- Yellow (69%)
- Blue (55%)



- Cyan (44%)
- Magenta (0%)
- Yellow (64%)
- Black (31%)



- Cyan (62%)
- Magenta (31%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62AF3F 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 62AF3F by changing the saturation by 10% instead.



62AF3F



62AF3F

FFFFFF



469424



9AE773



287A01



B6FF8E



006000



D3FFA9



004800



F0FFC5



003000



FFFFE2



001900



000000



62AF3F



62AF3F



56AF2E



6EAF51

 4AAF1C

 7AAF62

 3EAF0B

 86AF73

 37AF00

 92AF85

 9EAF97

 AAAFA8

 B6AFBA

 C2AFCB

 CEAFFD

Harmonies

Analogous

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



A4A215



62AF3F



00B677

Triad

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



62AF3F



00ADFF



FF6487

Complementary

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



62AF3F



8C3FAF

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.



F56AC2



62AF3F



4F9BFF

Square

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



62AF3F



00B6EB



BE82F4



FA7550

Rectangle

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



62AF3F



00B8A0



BE82F4



FF639B

Sweetspot

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



62AF3F



C5E3B8



AF8C3F



617358



F2F2F2



737373

Same Dimension

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



62AF3F



6BE334



3FAF54



51574E



2F9600



071700

Inverse Universe

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



8C3FAF



AC34E3



AF3F9A



544E57



670096



100017

Previews

White Background



This preview shows how the Hex color 62AF3F looks on a white background.

Color Contrast Check

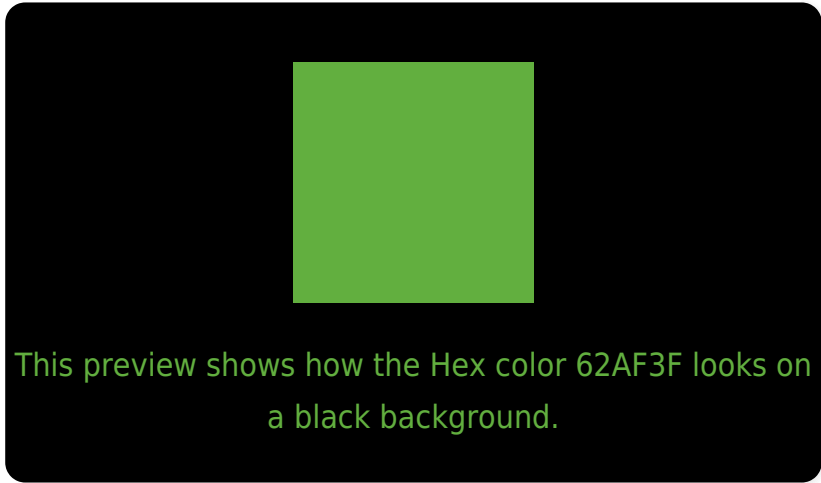
Large Text (above 18pt) WCAG AA × Fail

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 62AF3F Background



This preview shows how black text looks on a background with the Hex color 62AF3F.

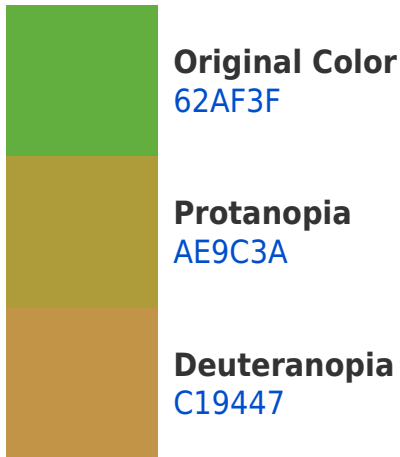


This preview shows how white text looks on a background with the Hex color 62AF3F.

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](#).

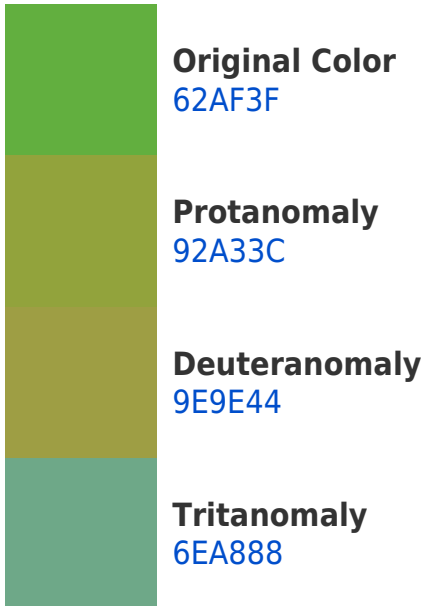
Dichromacy



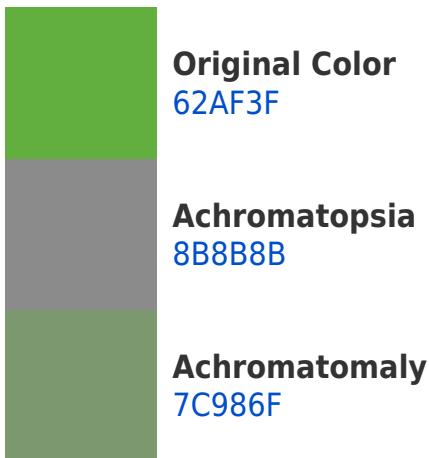


Tritanopia
75A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 62AF3F 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 #62AF3F looks like.

```
.text, #text, p{  
    color:#62AF3F  
}
```

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 #62AF3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62AF3F
}
```

Border

The CSS property to change the border of an element to Hex 62AF3F 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
#62AF3F }
```

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

```
.border{ border-color:#62AF3F }
```

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

Here you see how a box with a 4 pixel #62AF3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62AF3F; -webkit-box-shadow:4px 4px  
4px 4px #62AF3F; box-shadow:4px 4px 4px  
4px #62AF3F }
```

Background

The CSS property to change the background color of an element to Hex 62AF3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62AF3F }
```

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

```
.background{ background-color:#62AF3F }
```

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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