

# Converting Colors

Hex(62A927)

Have a look what the booklet for  
Hex(62A927) contains.

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**Color**

**Hex(62A927)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	62A927
RGB	98, 169, 39
RGB Percent	38%, 66%, 15%
CMY	0.6157, 0.3373, 0.8471
CMYK	0.42, 0.00, 0.77, 0.34
HSL	93°, 62%, 41%
HSV	93°, 77%, 66%
XYZ	19.5912, 31.1191, 6.8935
YIQ	132.9510, -0.5860, -55.4820

# Conversions

## Conversions Part 2

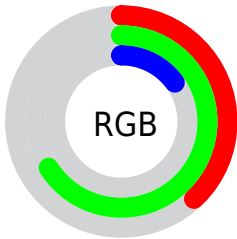
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 169, 110
Decimal	6465831
CIELab	62.61, -43.47, 55.82
CIELCh	63, 70.751, 127.912
Yxy	31.1191, 0.3401, 0.5402
Android (android.graphics.Color)	4284655911 (0xFF62A927)
YUV	132.9510, -46.3178, -30.6520
Hunter-Lab	55.7845, -34.9347, 31.7225

# Details

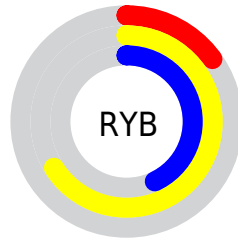
The Hex color **62A927** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6E27A9**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **9AE15E**, and **287400** is the 20% darker color. If you saturate the color by 10%, you get **59A916**, and if you desaturate by 10%, it is **6BA938**.

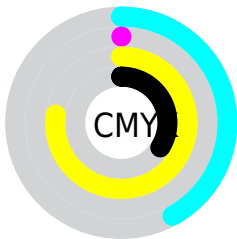
# Distribution



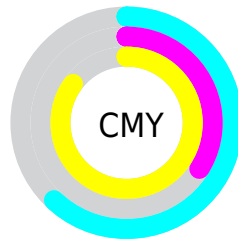
- Red (38%)
- Green (66%)
- Blue (15%)



- Red (15%)
- Yellow (66%)
- Blue (43%)



- Cyan (42%)
- Magenta (0%)
- Yellow (77%)
- Black (34%)



- Cyan (62%)
- Magenta (34%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62A927 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 62A927 by changing the saturation by 10% instead.



 62A927

 62A927

FFFFFF

 468E00

 9AE15E

 287400

 B7FE79

 005B00

 D4FF94

 004300

 F1FFB0

 002C00

 FFFFCD

 001100

 FFFFEA

 000000

 62A927

 62A927

 59A916

 6BA938

■ 50A905

■ 74A949

■ 4DA900

■ 7EA95A

■ 87A96B

■ 90A97B

■ 99A98C

■ A3A99D

■ ACA9AE

■ B5A9BF

# Harmonies

## Analogous

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



A69A00



62A927



00B165

# Triad

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



62A927



00ABFF



FF5589

# Complementary

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



62A927



6E27A9

# 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.



EF61C8



62A927



0099FF

# Square

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



62A927



00B3E3



AE7FFB



FD674D

# Rectangle

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



62A927



00B491



AE7FFB



FF569F



# Sweetspot

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



62A927



C0DBA9



A96C27



5D6E4F



EDEDED



6E6E6E



# Same Dimension

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



62A927



6DDB12



27A92B



50544C



439400



091400



# Inverse Universe

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



6E27A9



8012DB



A927A5



504C54



510094



0B0014



# Previews

## White Background



This preview shows how the Hex color 62A927 looks on a white background.

## Color Contrast Check

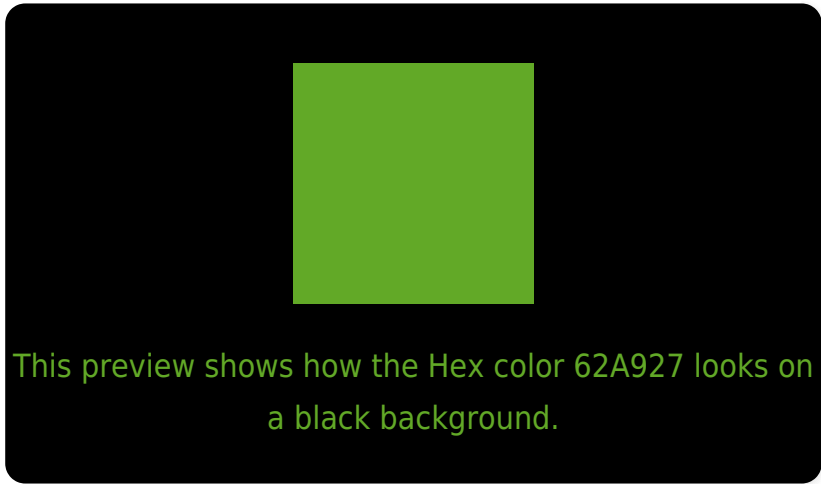
Large Text (above 18pt) WCAG AA × Fail

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 62A927 Background



This preview shows how black text looks on a background with the Hex color 62A927.

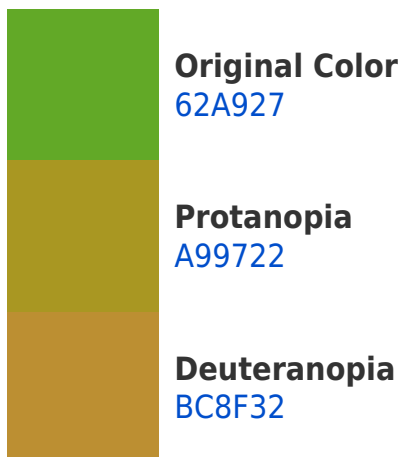


This preview shows how white text looks on a background with the Hex color 62A927.

# 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





# Trichromacy



**Original Color**  
62A927



**Protanomaly**  
8F9E24



**Deuteranomaly**  
9B982E



**Tritanomaly**  
6EA17A

# Monochromacy



**Original Color**  
62A927



**Achromatopsia**  
858585



**Achromatomaly**  
789263

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62A927 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 #62A927 looks like.

```
.text, #text, p{  
    color:#62A927  
}
```

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 #62A927 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62A927
}
```

## Border

The CSS property to change the border of an element to Hex 62A927 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
#62A927 }
```

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

```
.border{ border-color:#62A927 }
```

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

Here you see how a box with a 4 pixel #62A927 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62A927; -webkit-box-shadow:4px 4px  
4px 4px #62A927; box-shadow:4px 4px 4px  
4px #62A927 }
```

# Background

The CSS property to change the background color of an element to Hex 62A927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62A927 }
```

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

```
.background{ background-color:#62A927 }
```

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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