

# Converting Colors

Hex(63A942)

Have a look what the booklet for  
Hex(63A942) contains.

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# **Color**

**Hex(63A942)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63A942
RGB	99, 169, 66
RGB Percent	39%, 66%, 26%
CMY	0.6118, 0.3373, 0.7412
CMYK	0.41, 0.00, 0.61, 0.34
HSL	101°, 44%, 46%
HSV	101°, 61%, 66%
XYZ	20.3169, 31.4219, 10.1485
YIQ	136.3280, -8.6570, -46.8730

# Conversions

## Conversions Part 2

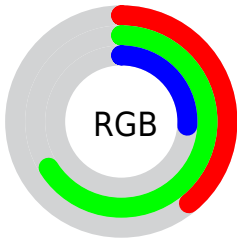
Format	Color
<a href="#">RYB</a>	<a href="#">66, 169, 136</a>
Decimal	<a href="#">6531394</a>
CIELab	<a href="#">62.86, -40.97, 45.29</a>
CIELCh	<a href="#">63, 61.068, 132.130</a>
Yxy	<a href="#">31.4219, 0.3283, 0.5077</a>
Android (android.graphics.Color)	<a href="#">4284721474 (0xFF63A942)</a>
YUV	<a href="#">136.3280, -34.6717, -32.7367</a>
Hunter-Lab	<a href="#">56.0553, -33.4004, 28.5046</a>

# Details

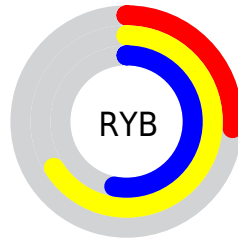
The Hex color **63A942** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8842A9**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **9AE176**, and **2B740A** is the 20% darker color. If you saturate the color by 10%, you get **58A931**, and if you desaturate by 10%, it is **6EA953**.

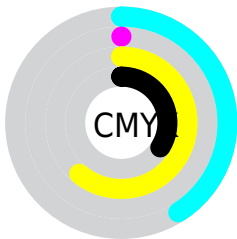
# Distribution



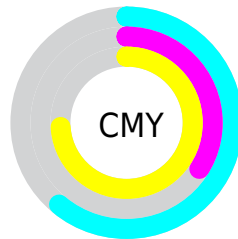
- Red (39%)
- Green (66%)
- Blue (26%)



- Red (26%)
- Yellow (66%)
- Blue (53%)



- Cyan (41%)
- Magenta (0%)
- Yellow (61%)
- Black (34%)



- Cyan (61%)
- Magenta (34%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63A942 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 63A942 by changing the saturation by 10% instead.





63A942



63A942

FFFFFF



488E28



9AE176



2B740A



B6FE90



055B00



D3FFAC



004300



F0FFC7



002C00



FFFFE4



001200



000000



63A942



63A942



58A931



6EA953

 4CA920

 7AA964

 41A90F

 85A975

 36A900

 91A986

 9CA996

 A8A9A7

 B3A9B8

 BFA9C9

 CAA9DA

# Harmonies

## Analogous

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



A09C20



63A942



00B075

# Triad

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



63A942



00A7FF



FB6584

# Complementary

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



63A942



8842A9

# 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.



EA6BBB



63A942



5597FF

# Square

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



63A942



00B0E0



B780E9



F07452

# Rectangle

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



63A942



00B29A



B780E9



F96496



# Sweetspot

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



63A942



C0DBB4



A98742



5D6E56



EDEDED



6E6E6E



# Same Dimension

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



63A942



6FDB3B



42A953



4E544C



2F9400



071400



# Inverse Universe

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



8842A9



A83BDB



A94298



514C54



650094



0E0014



# Previews

## White Background



This preview shows how the Hex color 63A942 looks on a white background.

## Color Contrast Check

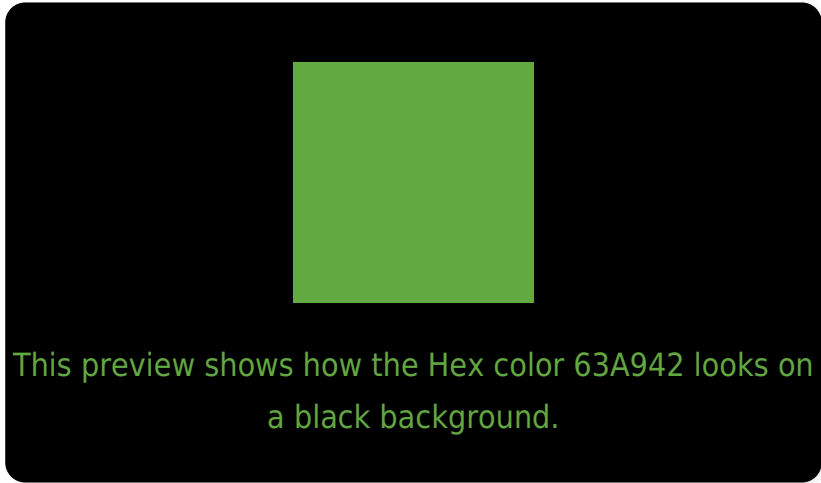
Large Text (above 18pt) WCAG AA × Fail

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

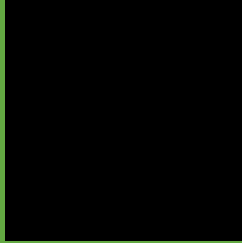
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 63A942 Background



This preview shows how black text looks on a background with the Hex color 63A942.

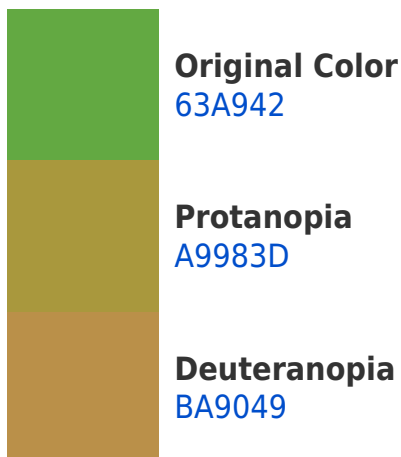


This preview shows how white text looks on a background with the Hex color 63A942.

# 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





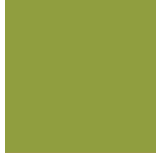
**Tritanopia**  
759EAB

# Trichromacy



**Original Color**

63A942



**Protanomaly**

909E3F



**Deuteranomaly**

9A9946



**Tritanomaly**

6EA285

# Monochromacy



**Original Color**

63A942



**Achromatopsia**

888888



**Achromatomaly**

7B946F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63A942 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 #63A942 looks like.

```
.text, #text, p{  
    color:#63A942  
}
```

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 #63A942 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63A942
}
```

## Border

The CSS property to change the border of an element to Hex 63A942 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
#63A942 }
```

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

```
.border{ border-color:#63A942 }
```

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

Here you see how a box with a 4 pixel #63A942 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63A942; -webkit-box-shadow:4px 4px  
4px 4px #63A942; box-shadow:4px 4px 4px  
4px #63A942 }
```

# Background

The CSS property to change the background color of an element to Hex 63A942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63A942 }
```

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

```
.background{ background-color:#63A942 }
```

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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