

# Converting Colors

Hex(63B429)

Have a look what the booklet for  
Hex(63B429) contains.

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**Color**

**Hex(63B429)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63B429
RGB	99, 180, 41
RGB Percent	39%, 71%, 16%
CMY	0.6118, 0.2941, 0.8392
CMYK	0.45, 0.00, 0.77, 0.29
HSL	95°, 63%, 43%
HSV	95°, 77%, 71%
XYZ	21.8671, 35.4553, 7.7889
YIQ	139.9350, -3.6570, -60.4010

# Conversions

## Conversions Part 2

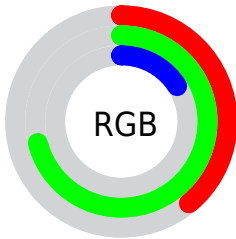
Format	Color
<a href="#">RYB</a>	<a href="#">41, 180, 122</a>
Decimal	<a href="#">6534185</a>
CIELab	<a href="#">66.10, -47.51, 58.53</a>
CIELCh	<a href="#">66, 75.386, 129.067</a>
Yxy	<a href="#">35.4553, 0.3358, 0.5445</a>
Android (android.graphics.Color)	<a href="#">4284724265</a> ( <a href="#">0xFF63B429</a> )
YUV	<a href="#">139.9350, -48.7750, -35.9000</a>
Hunter-Lab	<a href="#">59.5443, -38.6501, 33.9254</a>

# Details

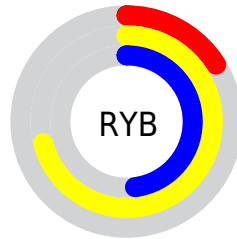
The Hex color **63B429** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **7A29B4**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **9CEC61**, and **267E00** is the 20% darker color. If you saturate the color by 10%, you get **59B417**, and if you desaturate by 10%, it is **6DB43B**.

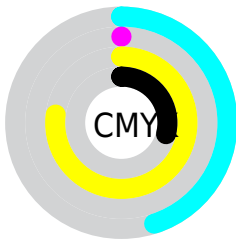
# Distribution



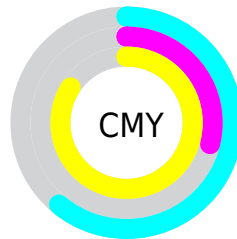
- Red (39%)
- Green (71%)
- Blue (16%)



- Red (16%)
- Yellow (71%)
- Blue (48%)



- Cyan (45%)
- Magenta (0%)
- Yellow (77%)
- Black (29%)



- Cyan (61%)
- Magenta (29%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63B429 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 63B429 by changing the saturation by 10% instead.





63B429



63B429

FFFFFF



469900



9CEC61



267E00



B9FF7C



006500



D6FF98



004C00



F4FFB4



003400



FFFFD0



001E00



FFFEE



000000



63B429



63B429



59B417



6DB43B

 4EB405

 78B44D

 4BB400

 82B45F

 8DB471

 97B483

 A2B495

 ACB4A7

 B7B4B9

 C1B4CB

# Harmonies

## Analogous

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



ADA400



63B429



00BC6D

# Triad

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



63B429



00B5FF



FF588F

# Complementary

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



63B429



7A29B4

# 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.



FF65D3



63B429



00A2FF

# Square

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



63B429



00BEF5



BC85FF



FF6D4E

# Rectangle

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



63B429



00BF9C



BC85FF



FF59A6



# Sweetspot

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



63B429



CBEBB5



B47829



627554



F5F5F5



757575



# Same Dimension

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



63B429



6BEB10



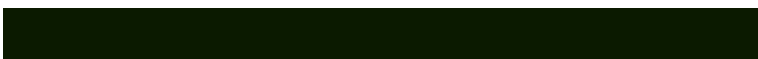
29B432



545950



409900



0B1A00



# Inverse Universe

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



7A29B4



9010EB



B429AB



565059



590099



0F001A



# Previews

## White Background



This preview shows how the Hex color 63B429 looks on a white background.

## Color Contrast Check

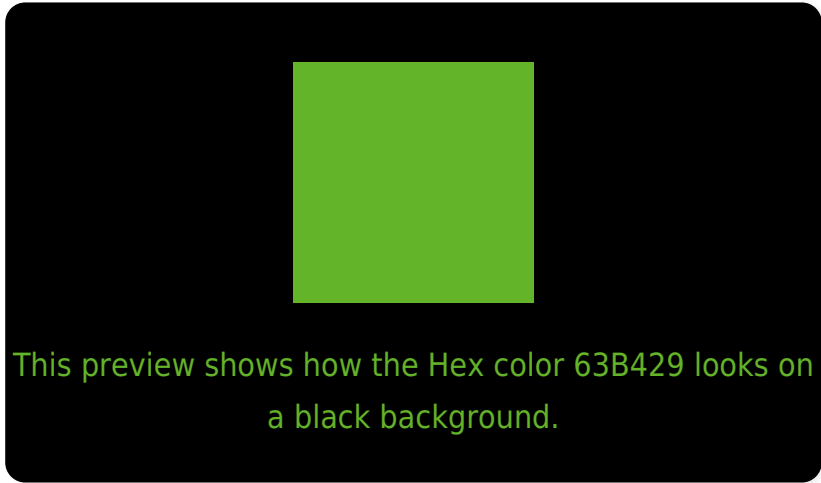
Large Text (above 18pt) WCAG AA × Fail

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 63B429 Background



This preview shows how black text looks on a background with the Hex color 63B429.



This preview shows how white text looks on a background with the Hex color 63B429.

# 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](#).

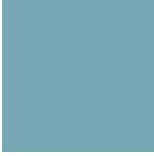
## Dichromacy



**Original Color**  
63B429

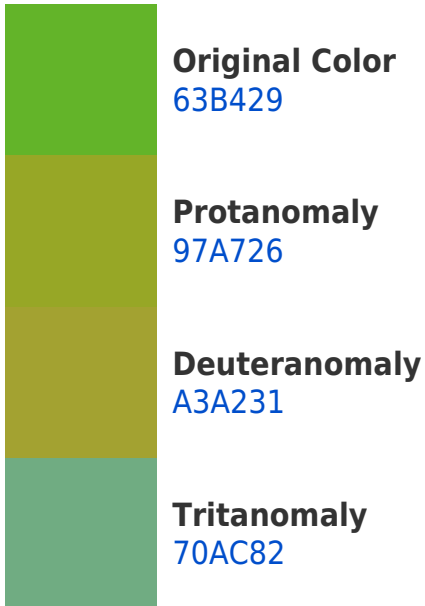
**Protanopia**  
B4A024

**Deuteranopia**  
C89836

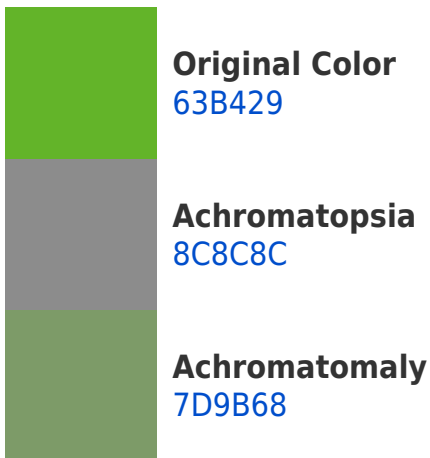


**Tritanopia**  
78A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63B429 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 #63B429 looks like.

```
.text, #text, p{  
    color:#63B429  
}
```

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 #63B429 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63B429
}
```

## Border

The CSS property to change the border of an element to Hex 63B429 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
#63B429 }
```

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

```
.border{ border-color:#63B429 }
```

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

Here you see how a box with a 4 pixel #63B429 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63B429; -webkit-box-shadow:4px 4px  
4px 4px #63B429; box-shadow:4px 4px 4px  
4px #63B429 }
```

# Background

The CSS property to change the background color of an element to Hex 63B429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63B429 }
```

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

```
.background{ background-color:#63B429 }
```

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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