

# Converting Colors

Hex(63A626)

Have a look what the booklet for  
Hex(63A626) contains.

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**Color**

**Hex(63A626)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	63A626
RGB	99, 166, 38
RGB Percent	39%, 65%, 15%
CMY	0.6118, 0.3490, 0.8510
CMYK	0.40, 0.00, 0.77, 0.35
HSL	91°, 63%, 40%
HSV	91°, 77%, 65%
XYZ	19.1317, 30.0650, 6.6285
YIQ	131.3750, 1.1560, -54.0120

# Conversions

## Conversions Part 2

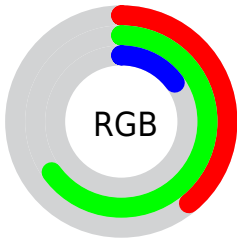
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 166, 105
Decimal	6530598
CIELab	61.71, -41.93, 55.31
CIELCh	62, 69.404, 127.168
Yxy	30.0650, 0.3427, 0.5386
Android (android.graphics.Color)	4284720678 (0xFF63A626)
YUV	131.3750, -46.0339, -28.3929
Hunter-Lab	54.8316, -33.6736, 31.2146

# Details

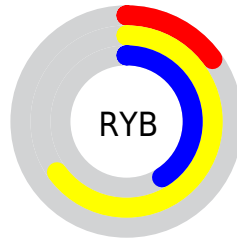
The Hex color **63A626** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6926A6**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **9BDE5D**, and **2A7100** is the 20% darker color. If you saturate the color by 10%, you get **5AA615**, and if you desaturate by 10%, it is **6CA637**.

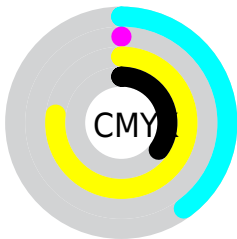
# Distribution



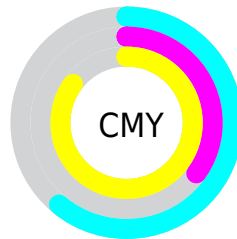
- Red (39%)
- Green (65%)
- Blue (15%)



- Red (15%)
- Yellow (65%)
- Blue (41%)



- Cyan (40%)
- Magenta (0%)
- Yellow (77%)
- Black (35%)



- Cyan (61%)
- Magenta (35%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63A626 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 63A626 by changing the saturation by 10% instead.





63A626



63A626

FFFFFF



478B00



9BDE5D



2A7100



B7FA78



045800



D4FF93



004000



F2FFAF



002A00



FFFFCB



000C00



FFFFE8



000000



63A626



63A626



5AA615



6CA637

■ 52A605

■ 74A647

■ 4FA600

■ 7DA658

■ 86A668

■ 8EA679

■ 97A68A

■ A0A69A

■ A9A6AB

■ B1A6BB

# Harmonies

## Analogous

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



A59700



63A626



00AE63

# Triad

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



63A626



00A8FF



FF5589

# Complementary

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



63A626



6926A6

# 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.



EA61C6



63A626



0098FF

# Square

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



63A626



00B0DE



A97EF8



F9654E

# Rectangle

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



63A626



00B18D



A97EF8



FE559E



# Sweetspot

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



63A626



BFD9A7



A66826



5E6E4F



EDEDED



6E6E6E



# Same Dimension

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



63A626



6FD90F



26A628



50544C



469400



0A1400



# Inverse Universe

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



6926A6



790FD9



A626A4



504C54



4D0094



0B0014



# Previews

## White Background



This preview shows how the Hex color 63A626 looks on a white background.

## Color Contrast Check

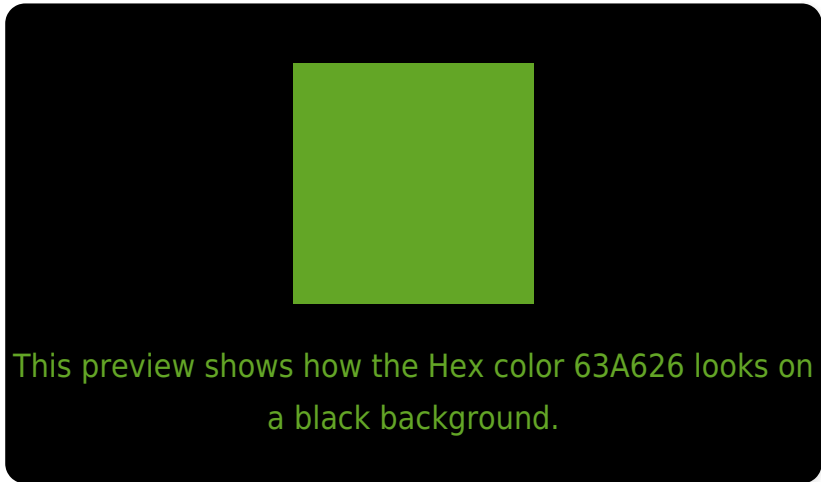
Large Text (above 18pt) WCAG AA × Fail

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 63A626 Background



This preview shows how black text looks on a background with the Hex color 63A626.

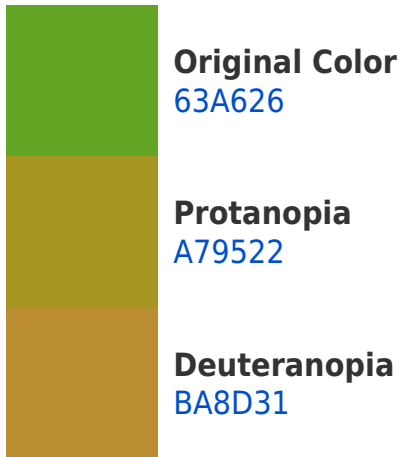


This preview shows how white text looks on a background with the Hex color 63A626.

# 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](#).

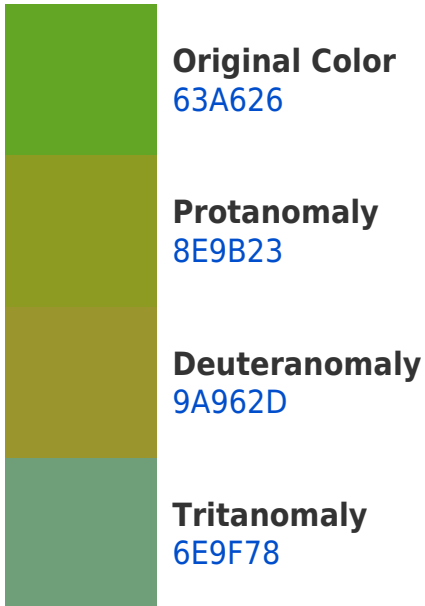
## Dichromacy



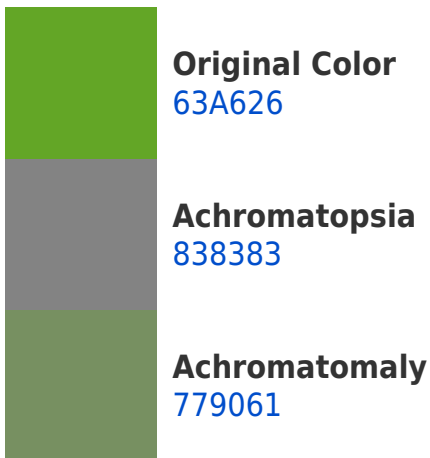


**Tritanopia**  
759BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63A626 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 #63A626 looks like.

```
.text, #text, p{  
    color:#63A626  
}
```

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 #63A626 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63A626
}
```

## Border

The CSS property to change the border of an element to Hex 63A626 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
#63A626 }
```

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

```
.border{ border-color:#63A626 }
```

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

Here you see how a box with a 4 pixel #63A626 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63A626; -webkit-box-shadow:4px 4px  
4px 4px #63A626; box-shadow:4px 4px 4px  
4px #63A626 }
```

# Background

The CSS property to change the background color of an element to Hex 63A626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63A626 }
```

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

```
.background{ background-color:#63A626 }
```

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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