

# Converting Colors

Hex(6CA627)

Have a look what the booklet for  
Hex(6CA627) contains.

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**Color**

**Hex(6CA627)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6CA627
RGB	108, 166, 39
RGB Percent	42%, 65%, 15%
CMY	0.5765, 0.3490, 0.8471
CMYK	0.35, 0.00, 0.77, 0.35
HSL	87°, 62%, 40%
HSV	87°, 77%, 65%
XYZ	20.1868, 30.6071, 6.7633
YIQ	134.1800, 6.1990, -51.7930

# Conversions

## Conversions Part 2

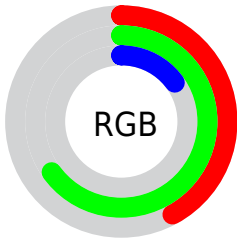
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 166, 97
Decimal	7120423
CIELab	62.17, -38.64, 55.58
CIELCh	62, 67.690, 124.810
Yxy	30.6071, 0.3507, 0.5318
Android (android.graphics.Color)	4285310503 (0xFF6CA627)
YUV	134.1800, -46.9237, -22.9599
Hunter-Lab	55.3237, -31.6844, 31.4784

# Details

The Hex color **6CA627** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6127A6**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **A4DD5E**, and **357200** is the 20% darker color. If you saturate the color by 10%, you get **64A616**, and if you desaturate by 10%, it is **74A638**.

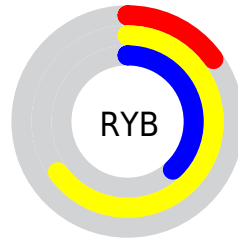
# Distribution



Red (42%)

Green (65%)

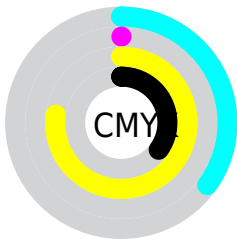
Blue (15%)



Red (15%)

Yellow (65%)

Blue (38%)

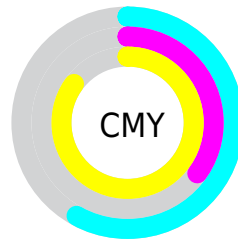


Cyan (35%)

Magenta (0%)

Yellow (77%)

Black (35%)



Cyan (58%)

Magenta (35%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CA627 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 6CA627 by changing the saturation by 10% instead.





6CA627



6CA627

FFFFFF



518B00



A4DD5E



357200



C0FA79



175900



Ddff94



004100



Fbffb0



002A00



FFFfCC



000E00



FFFfE9



000000



6CA627



6CA627



64A616



74A638

■ 5DA606

■ 7BA648

■ 5AA600

■ 83A659

■ 8AA669

■ 92A67A

■ 99A68B

■ A1A69B

■ A9A6AC

■ B0A6BC

# Harmonies

## Analogous

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



AB9700



6CA627



00AF60

# Triad

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



6CA627



00AAFF



FF598F

# Complementary

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



6CA627



6127A6

# 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.



E666CB



6CA627



009AFF

# Square

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



6CA627



00B1D9



A382FA



FA6655

# Rectangle

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



6CA627



00B18A



A382FA



FB5AA3



# Sweetspot

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



6CA627



C2D9A7



A66027



606E4F



EDEDED



6E6E6E



# Same Dimension

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



6CA627



7ED911



2DA627



50544C



509400



0B1400



# Inverse Universe

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



6127A6



6C11D9



A027A6



504C54



440094



090014



# Previews

## White Background



This preview shows how the Hex color 6CA627 looks on a white background.

## Color Contrast Check

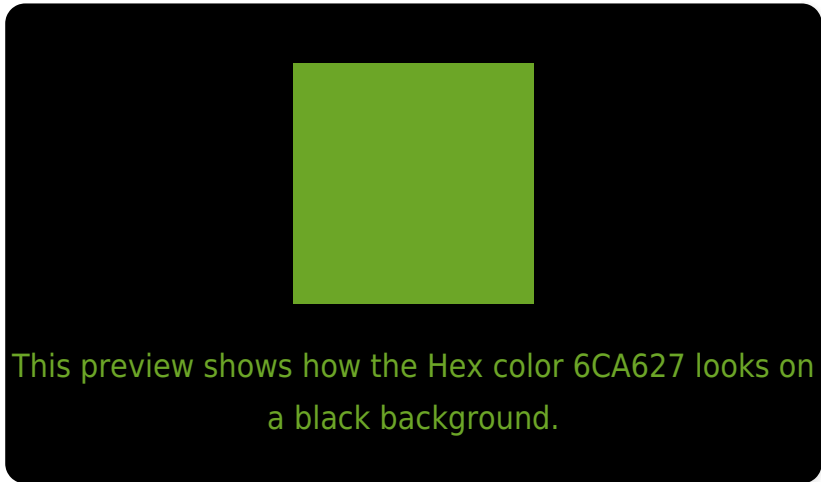
Large Text (above 18pt) WCAG AA × Fail

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 6CA627 Background



This preview shows how black text looks on a background with the Hex color 6CA627.

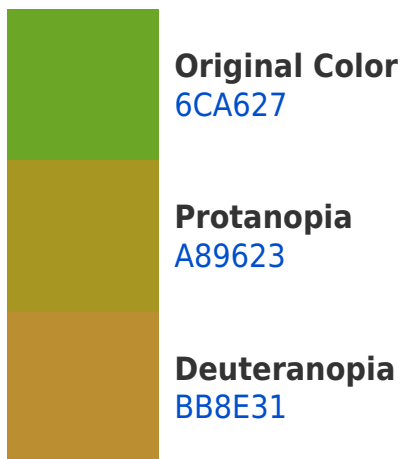


This preview shows how white text looks on a background with the Hex color 6CA627.

# 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](#).

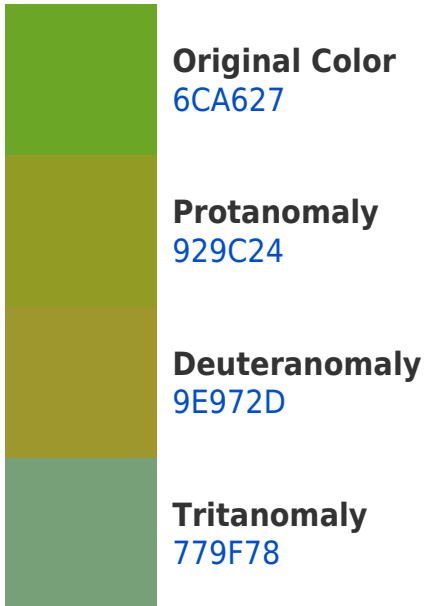
## Dichromacy



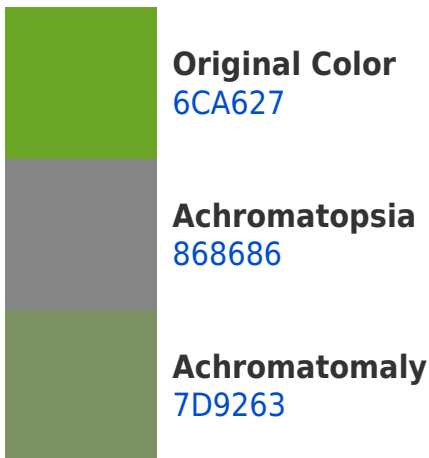


**Tritanopia**  
7D9BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CA627 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 #6CA627 looks like.

```
.text, #text, p{  
    color:#6CA627  
}
```

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 #6CA627 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CA627
}
```

## Border

The CSS property to change the border of an element to Hex 6CA627 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
#6CA627 }
```

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

```
.border{ border-color:#6CA627 }
```

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

Here you see how a box with a 4 pixel #6CA627 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CA627; -webkit-box-shadow:4px 4px  
4px 4px #6CA627; box-shadow:4px 4px 4px  
4px #6CA627 }
```

# Background

The CSS property to change the background color of an element to Hex 6CA627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CA627 }
```

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

```
.background{ background-color:#6CA627 }
```

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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