

# Converting Colors

Hex(6CAA27)

Have a look what the booklet for  
Hex(6CAA27) contains.

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**Color**

**Hex(6CAA27)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 6CAA27                     |
| RGB           | 108, 170, 39               |
| RGB Percent   | 42%, 67%, 15%              |
| CMY           | 0.5765, 0.3333, 0.8471     |
| CMYK          | 0.36, 0.00, 0.77, 0.33     |
| HSL           | 88°, 63%, 41%              |
| HSV           | 88°, 77%, 67%              |
| XYZ           | 20.9253, 32.0841, 7.0094   |
| YIQ           | 136.5280, 5.0990, -53.8850 |

# Conversions

## Conversions Part 2

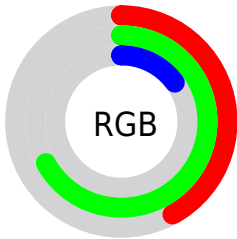
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">39, 170, 101</a>                     |
| Decimal                             | <a href="#">7121447</a>                          |
| CIELab                              | <a href="#">63.41, -40.38, 56.76</a>             |
| CIELCh                              | <a href="#">63, 69.660, 125.429</a>              |
| Yxy                                 | <a href="#">32.0841, 0.3486,<br/>0.5346</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4285311527<br/>(0xFF6CAA27)</a>      |
| YUV                                 | <a href="#">136.5280, -48.0813,<br/>-25.0191</a> |
| Hunter-Lab                          | <a href="#">56.6428, -33.1825,<br/>32.3130</a>   |

# Details

The Hex color **6CAA27** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6527AA**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A4E25E**, and **347500** is the 20% darker color. If you saturate the color by 10%, you get **64AA16**, and if you desaturate by 10%, it is **74AA38**.

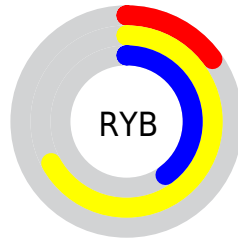
# Distribution



Red (42%)

Green (67%)

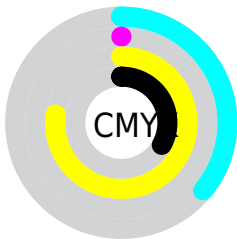
Blue (15%)



Red (15%)

Yellow (67%)

Blue (40%)

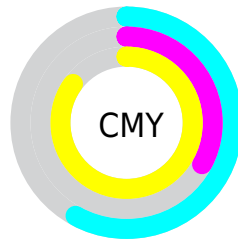


Cyan (36%)

Magenta (0%)

Yellow (77%)

Black (33%)



Cyan (58%)

Magenta (33%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CAA27 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 6CAA27 by changing the saturation by 10% instead.



 6CAA27

 6CAA27

FFFFFF

 508F00

 A4E25E

 347500

 C1FF79

 155C00

 DEFF95

 004400

 FBFFB1

 002D00

 FFFFCD

 001400

 FFFFEA

 000000

 6CAA27

 6CAA27

 64AA16

 74AA38

■ 5CAA05

■ 7CAA49

■ 5AAA00

■ 84AA5A

■ 8CAA6B

■ 94AA7C

■ 9CAA8D

■ A4AA9E

■ ACAAFF

■ B4AAC0

# Harmonies

## Analogous

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



AD9A00



6CAA27



00B363

# Triad

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



6CAA27



00AEFF



FF5991

# Complementary

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



6CAA27



6527AA

# 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.



EC67CE



6CAA27



009DFF

# Square

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



6CAA27



00B5E0



A984FF



FF6855

# Rectangle

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



6CAA27



00B68E



A984FF



FF5BA6



# Sweetspot

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



6CAA27



C6DEAB



AA6427



617051



F0F0F0



707070



# Same Dimension

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



6CAA27



7DDE12



2BAA27



50544C



4E9400



0B1400



# Inverse Universe

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



6527AA



7212DE



A627AA



504C54



460094



0A0014



# Previews

## White Background



This preview shows how the Hex color 6CAA27 looks on a white background.

## Color Contrast Check

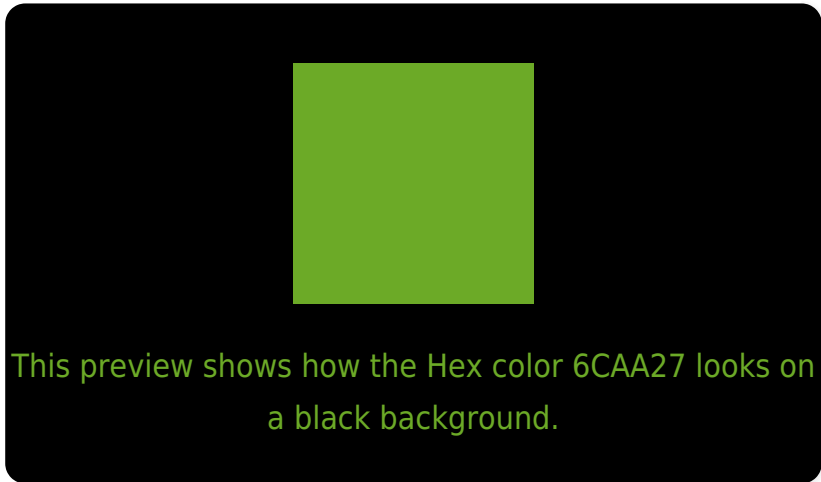
Large Text (above 18pt) WCAG AA × Fail

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 6CAA27 Background



This preview shows how black text looks on a background with the Hex color 6CAA27.

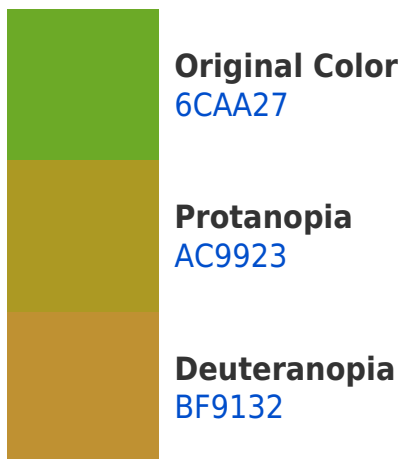



This preview shows how white text looks on a background with the Hex color 6CAA27.

# 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](#).

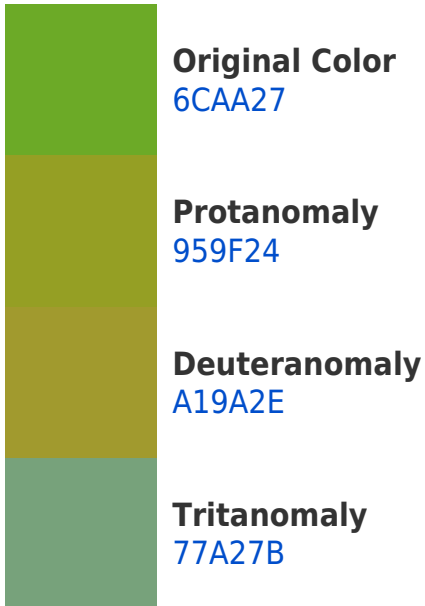
## Dichromacy





**Tritanopia**  
7E9EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CAA27 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 #6CAA27 looks like.

```
.text, #text, p{  
    color:#6CAA27  
}
```

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 #6CAA27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CAA27
}
```

## Border

The CSS property to change the border of an element to Hex 6CAA27 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
#6CAA27 }
```

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

```
.border{ border-color:#6CAA27 }
```

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

Here you see how a box with a 4 pixel #6CAA27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CAA27; -webkit-box-shadow:4px 4px  
4px 4px #6CAA27; box-shadow:4px 4px 4px  
4px #6CAA27 }
```

# Background

The CSS property to change the background color of an element to Hex 6CAA27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CAA27 }
```

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

```
.background{ background-color:#6CAA27 }
```

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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