

# Converting Colors

Hex(6CA45B)

Have a look what the booklet for  
Hex(6CA45B) contains.

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# **Color**

**Hex(6CA45B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CA45B
RGB	108, 164, 91
RGB Percent	42%, 64%, 36%
CMY	0.5765, 0.3569, 0.6431
CMYK	0.34, 0.00, 0.45, 0.36
HSL	106°, 29%, 50%
HSV	106°, 45%, 64%
XYZ	21.3481, 30.4944, 14.6584
YIQ	138.9340, -9.9430, -34.5750

# Conversions

## Conversions Part 2

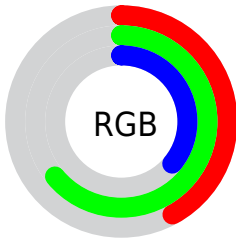
Format	Color
<a href="#">RYB</a>	<a href="#">91, 164, 147</a>
Decimal	<a href="#">7119963</a>
CIELab	<a href="#">62.08, -32.61, 32.11</a>
CIELCh	<a href="#">62, 45.770, 135.441</a>
Yxy	<a href="#">30.4944, 0.3210, 0.4586</a>
Android (android.graphics.Color)	<a href="#">4285310043 (0xFF6CA45B)</a>
YUV	<a href="#">138.9340, -23.6315, -27.1291</a>
Hunter-Lab	<a href="#">55.2217, -27.6318, 22.9169</a>

# Details

The Hex color **6CA45B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **935BA4**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **A2DB8E**, and **38702B** is the 20% darker color. If you saturate the color by 10%, you get **5FA44B**, and if you desaturate by 10%, it is **79A46B**.

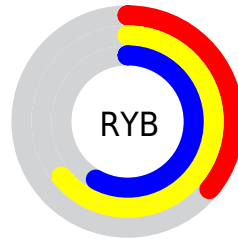
# Distribution



Red (42%)

Green (64%)

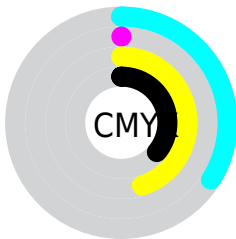
Blue (36%)



Red (36%)

Yellow (64%)

Blue (58%)

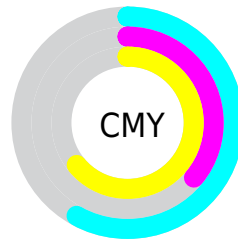


Cyan (34%)

Magenta (0%)

Yellow (45%)

Black (36%)



Cyan (58%)

Magenta (36%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CA45B 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 6CA45B by changing the saturation by 10% instead.





6CA45B



6CA45B

FFFFFF



528943



A2DB8E



38702B



BDF8A9



1E5713



DAFFC5



003F00



F7FFE1



002900

FFFFFFE



000E00



000000



6CA45B



6CA45B



5FA44B



79A46B

 53A43A

 85A47C

 46A42A

 92A48C

 3AA419

 9EA49D

 2DA409

 ABA4AD

 26A400

 B7A4BD

 C4A4CE

 D1A4DE

 DDA4EF

# Harmonies

## Analogous

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



9A9A45



6CA45B



26A980

# Triad

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



6CA45B



00A0E4



E37483

# Complementary

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



6CA45B



935BA4

# 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.



D776AC



6CA45B



7893E4

# Square

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



6CA45B



00A8CF



B483CF



D97E5E

# Rectangle

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



6CA45B



00AB9C



B483CF



E17490



# Sweetspot

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



6CA45B



C1D6BA



A4935B



5E6B5A



EBEBEB



6B6B6B



# Same Dimension

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



6CA45B



7FD665



5BA46E



4B5249



229100



041200



# Inverse Universe

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



935BA4



BC65D6



A45B91



504952



700091



0E0012



# Previews

## White Background



This preview shows how the Hex color 6CA45B looks on a white background.

## Color Contrast Check

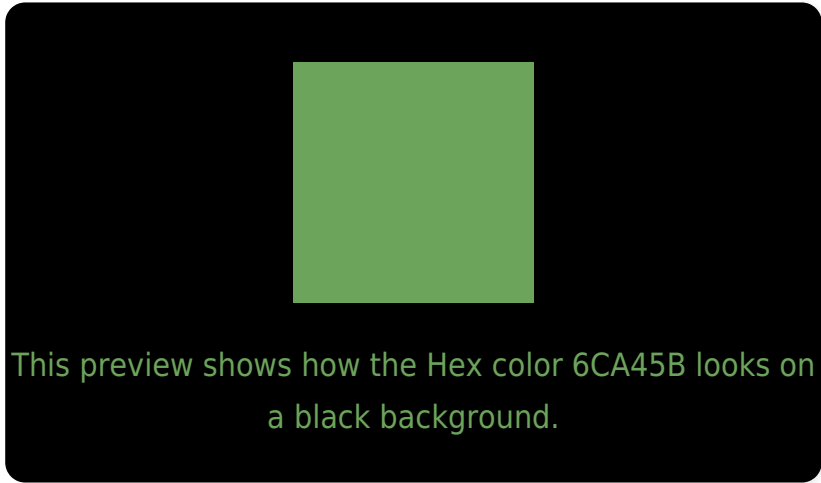
Large Text (above 18pt) WCAG AA × Fail

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 6CA45B Background



This preview shows how black text looks on a background with the Hex color 6CA45B.

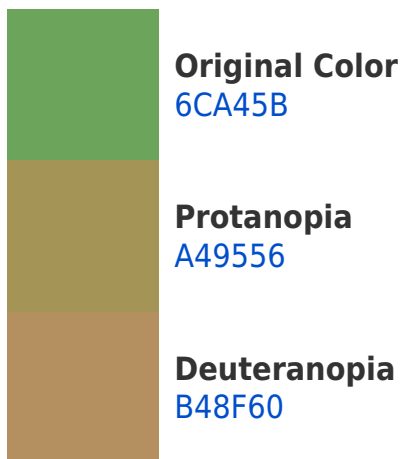



This preview shows how white text looks on a background with the Hex color 6CA45B.

# 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](#).

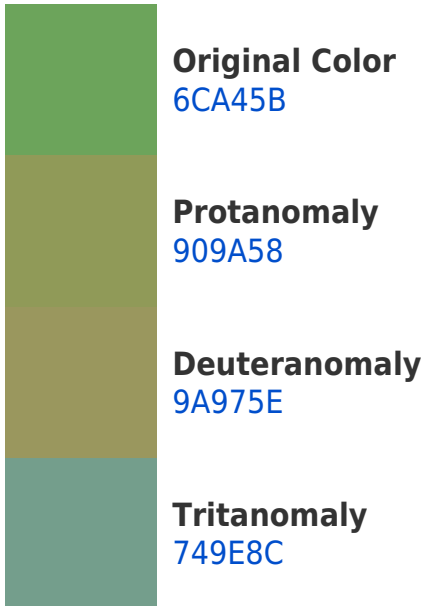
## Dichromacy



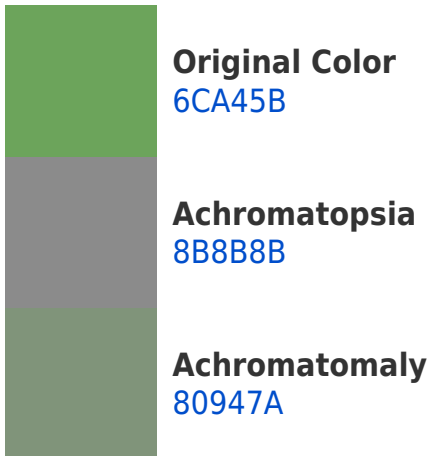


**Tritanopia**  
799BA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CA45B 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 #6CA45B looks like.

```
.text, #text, p{  
    color:#6CA45B  
}
```

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 #6CA45B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CA45B
}
```

## Border

The CSS property to change the border of an element to Hex 6CA45B 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
#6CA45B }
```

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

```
.border{ border-color:#6CA45B }
```

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

Here you see how a box with a 4 pixel #6CA45B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CA45B; -webkit-box-shadow:4px 4px  
4px 4px #6CA45B; box-shadow:4px 4px 4px  
4px #6CA45B }
```

# Background

The CSS property to change the background color of an element to Hex 6CA45B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CA45B }
```

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

```
.background{ background-color:#6CA45B }
```

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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