

# Converting Colors

Hex(6ABF49)

Have a look what the booklet for  
Hex(6ABF49) contains.

|                                                |    |
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**Color**

**Hex(6ABF49)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 6ABF49                       |
| RGB         | 106, 191, 73                 |
| RGB Percent | 42%, 75%, 29%                |
| CMY         | 0.5843, 0.2510, 0.7137       |
| CMYK        | 0.45, 0.00, 0.62, 0.25       |
| HSL         | 103°, 48%, 52%               |
| HSV         | 103°, 62%, 75%               |
| XYZ         | 25.7773, 40.8068, 12.8212    |
| YIQ         | 152.1330, -12.7820, -54.7180 |

# Conversions

## Conversions Part 2

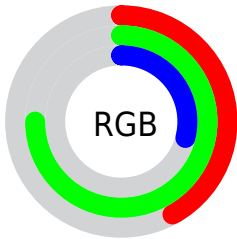
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 73, 191, 158                    |
| Decimal                             | 6995785                         |
| CIELab                              | 70.04, -47.22, 50.32            |
| CIELCh                              | 70, 69.002, 133.180             |
| Yxy                                 | 40.8068, 0.3246,<br>0.5139      |
| Android<br>(android.graphics.Color) | 4285185865<br>(0xFF6ABF49)      |
| YUV                                 | 152.1330, -39.0126,<br>-40.4586 |
| Hunter-Lab                          | 63.8802, -39.7612,<br>32.8162   |

# Details

The Hex color **6ABF49** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **9E49BF**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **A3F87E**, and **2F890F** is the 20% darker color. If you saturate the color by 10%, you get **5CBF36**, and if you desaturate by 10%, it is **78BF5C**.

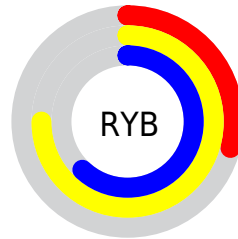
# Distribution



Red (42%)

Green (75%)

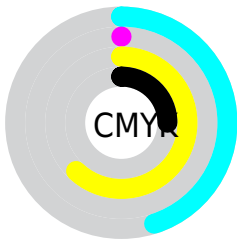
Blue (29%)



Red (29%)

Yellow (75%)

Blue (62%)

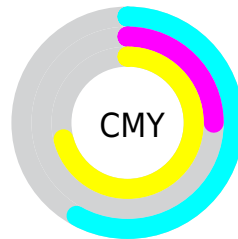


Cyan (45%)

Magenta (0%)

Yellow (62%)

Black (25%)



Cyan (58%)

Magenta (25%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6ABF49 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 6ABF49 by changing the saturation by 10% instead.





6ABF49



6ABF49

FFFFFF



4EA32E



A3F87E



2F890F



BFFF99



036F00



DdffB5



005500



FAFFD1



003D00



FFFEE



002800



000000



6ABF49



6ABF49



5CBF36



78BF5C

 4EBF23

 86BF6F

 41BF10

 93BF82

 35BF00

 A1BF95

 AFBFA9

 BDBFBC

 CABFCF

 D8BFE2

 E6BFF5

# Harmonies

## Analogous

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



B1B11E



6ABF49



00C785

# Triad

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



6ABF49



00BCFF



FF6F92

# Complementary

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



6ABF49



9E49BF

# 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.



FF75D1



6ABF49



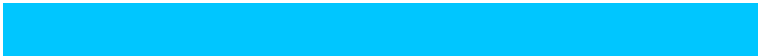
60A9FF

# Square

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



6ABF49



00C6FF



D28EFF



FF8158

# Rectangle

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



6ABF49



00C9B0



D28EFF



FF6EA7

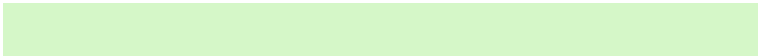


# Sweetspot

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



6ABF49



D5F7C8



BF9E49



687D60



FCFCFC



7D7D7D



# Same Dimension

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



6ABF49



73F740



49BF63



585E55



2C9E00



091F00



# Inverse Universe

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



9E49BF



C440F7



BF49A5



5C555E



72009E



16001F



# Previews

## White Background



This preview shows how the Hex color 6ABF49 looks on a white background.

## Color Contrast Check

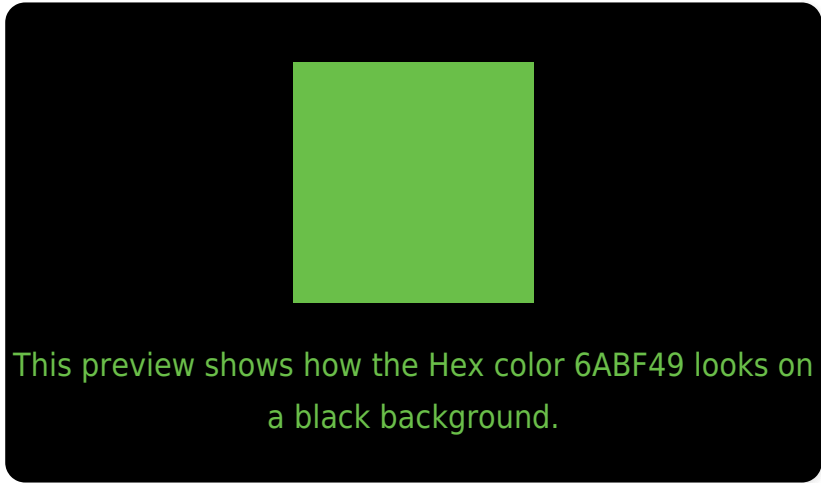
Large Text (above 18pt) WCAG AA × Fail

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 6ABF49 Background



This preview shows how black text looks on a background with the Hex color 6ABF49.

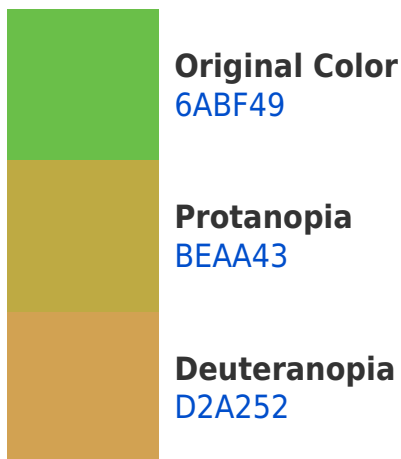


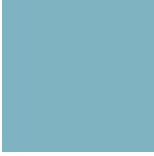
This preview shows how white text looks on a background with the Hex color 6ABF49.

# 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**  
7FB3C1

# Trichromacy



**Original Color**  
6ABF49



**Protanomaly**  
9FB245



**Deuteranomaly**  
ACAD4F



**Tritanomaly**  
77B795

# Monochromacy



**Original Color**  
6ABF49



**Achromatopsia**  
989898



**Achromatomaly**  
87A67B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6ABF49 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 #6ABF49 looks like.

```
.text, #text, p{  
    color:#6ABF49  
}
```

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 #6ABF49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ABF49
}
```

## Border

The CSS property to change the border of an element to Hex 6ABF49 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
#6ABF49 }
```

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

```
.border{ border-color:#6ABF49 }
```

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

Here you see how a box with a 4 pixel #6ABF49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ABF49; -webkit-box-shadow:4px 4px  
4px 4px #6ABF49; box-shadow:4px 4px 4px  
4px #6ABF49 }
```

# Background

The CSS property to change the background color of an element to Hex 6ABF49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ABF49 }
```

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

```
.background{ background-color:#6ABF49 }
```

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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