

# Converting Colors

Hex(6FA45D)

Have a look what the booklet for  
Hex(6FA45D) contains.

<b>Hex(6FA45D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(6FA45D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6FA45D
RGB	111, 164, 93
RGB Percent	44%, 64%, 36%
CMY	0.5647, 0.3569, 0.6353
CMYK	0.32, 0.00, 0.43, 0.36
HSL	105°, 28%, 50%
HSV	105°, 43%, 64%
XYZ	21.8068, 30.7207, 15.1363
YIQ	140.0590, -8.7970, -33.3170

# Conversions

## Conversions Part 2

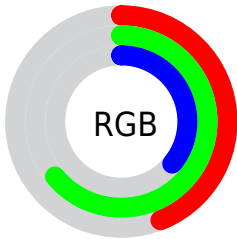
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 164, 146
Decimal	7316573
CIELab	62.27, -31.28, 31.34
CIElCh	62, 44.284, 134.943
Yxy	30.7207, 0.3223, 0.4540
Android (android.graphics.Color)	4285506653 (0xFF6FA45D)
YUV	140.0590, -23.2001, -25.4847
Hunter-Lab	55.4263, -26.7674, 22.6070

# Details

The Hex color **6FA45D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **925DA4**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **A5DB90**, and **3C702D** is the 20% darker color. If you saturate the color by 10%, you get **63A44D**, and if you desaturate by 10%, it is **7BA46D**.

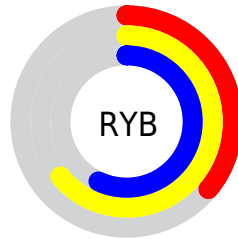
# Distribution



Red (44%)

Green (64%)

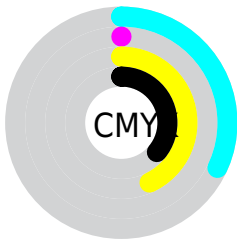
Blue (36%)



Red (36%)

Yellow (64%)

Blue (57%)

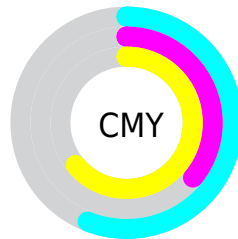


Cyan (32%)

Magenta (0%)

Yellow (43%)

Black (36%)



Cyan (56%)

Magenta (36%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FA45D 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 6FA45D by changing the saturation by 10% instead.





6FA45D



6FA45D

FFFFFF



558945



A5DB90



3C702D



C0F8AB



225715



DDFFC7



043F00



FAFFE3



002900



000F00



000000



6FA45D



6FA45D



63A44D



7BA46D

 57A43C

 87A47E

 4AA42C

 94A48E

 3EA41B

 A0A49F

 32A40B

 ACA4AF

 2AA400

 B8A4BF

 C5A4D0

 D1A4E0

 DDA4F1

# Harmonies

## Analogous

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



9B9B48



6FA45D



31A981

# Triad

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



6FA45D



00A0E2



E17684

# Complementary

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



6FA45D



925DA4

# 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.



D578AC



6FA45D



7994E2

# Square

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



6FA45D



00A8CD



B385CE



D87F61

# Rectangle

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



6FA45D



00AB9C



B385CE



E07691



# Sweetspot

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



6FA45D



C1D6BA



A4915D



5E6B5A



EBEBEB



6B6B6B



# Same Dimension

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



6FA45D



83D667



5DA46E



4C5249



259100



051200



# Inverse Universe

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



925DA4



BA67D6



A45D93



504952



6D0091



0D0012



# Previews

## White Background



This preview shows how the Hex color 6FA45D looks on a white background.

## Color Contrast Check

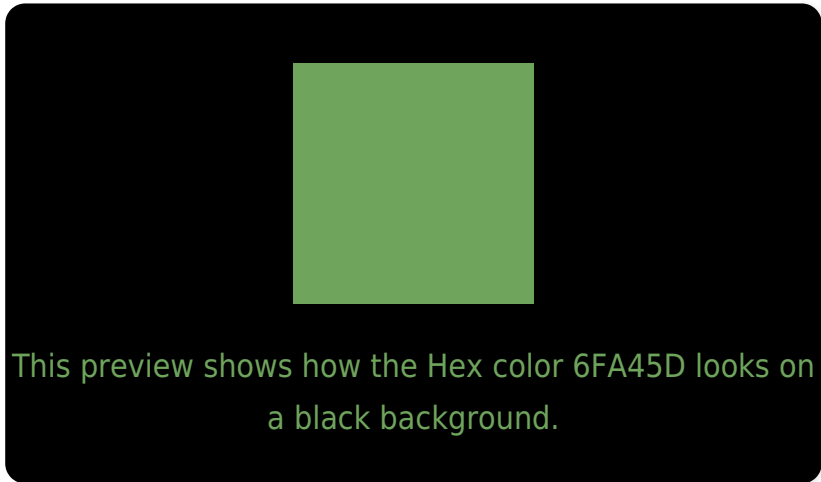
Large Text (above 18pt) WCAG AA × Fail

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

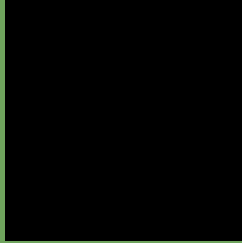
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6FA45D Background



This preview shows how black text looks on a background with the Hex color 6FA45D.

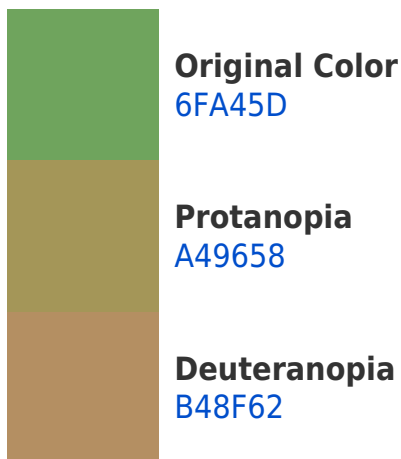


This preview shows how white text looks on a background with the Hex color 6FA45D.

# 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](#).

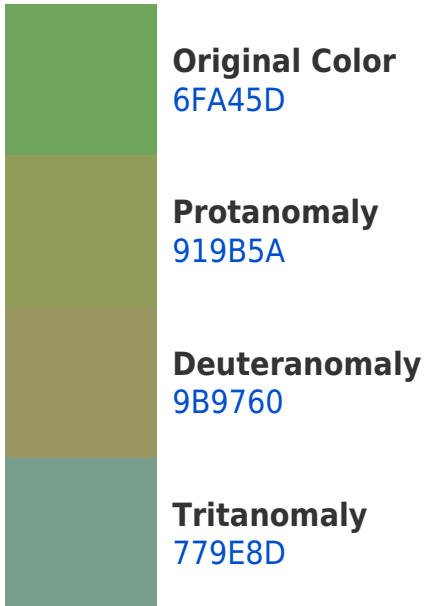
## Dichromacy



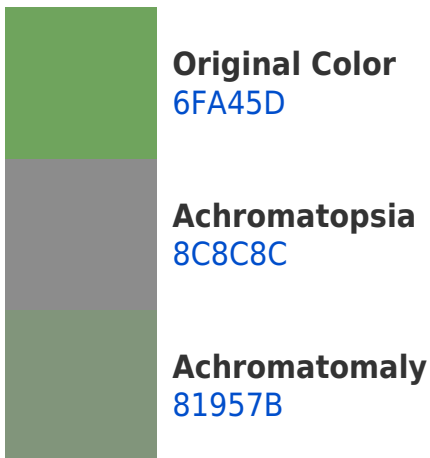


**Tritanopia**  
7C9BA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FA45D 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 #6FA45D looks like.

```
.text, #text, p{  
    color:#6FA45D  
}
```

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 #6FA45D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FA45D
}
```

## Border

The CSS property to change the border of an element to Hex 6FA45D 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
#6FA45D }
```

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

```
.border{ border-color:#6FA45D }
```

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

Here you see how a box with a 4 pixel #6FA45D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FA45D; -webkit-box-shadow:4px 4px  
4px 4px #6FA45D; box-shadow:4px 4px 4px  
4px #6FA45D }
```

# Background

The CSS property to change the background color of an element to Hex 6FA45D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FA45D }
```

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

```
.background{ background-color:#6FA45D }
```

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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