

# Converting Colors

Hex(6EAF5D)

Have a look what the booklet for  
Hex(6EAF5D) contains.

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# **Color**

**Hex(6EAF5D)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 6EAF5D                       |
| RGB         | 110, 175, 93                 |
| RGB Percent | 43%, 69%, 36%                |
| CMY         | 0.5686, 0.3137, 0.6353       |
| CMYK        | 0.37, 0.00, 0.47, 0.31       |
| HSL         | 108°, 34%, 53%               |
| HSV         | 108°, 47%, 69%               |
| XYZ         | 23.7362, 34.7653, 15.8153    |
| YIQ         | 146.2170, -12.4180, -39.2820 |

# Conversions

## Conversions Part 2

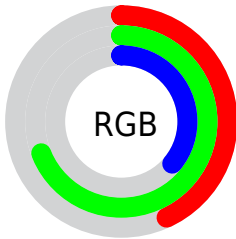
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 93, 175, 158                    |
| Decimal                             | 7253853                         |
| CIELab                              | 65.57, -36.71, 35.50            |
| CIELCh                              | 66, 51.065, 135.960             |
| Yxy                                 | 34.7653, 0.3194,<br>0.4678      |
| Android<br>(android.graphics.Color) | 4285443933<br>(0xFF6EAF5D)      |
| YUV                                 | 146.2170, -26.2360,<br>-31.7623 |
| Hunter-Lab                          | 58.9621, -31.3255,<br>25.3702   |

# Details

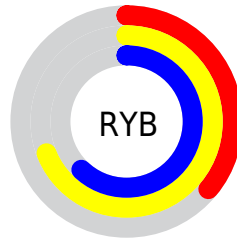
The Hex color **6EAF5D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9E5DAF**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **A4E791**, and **397A2C** is the 20% darker color. If you saturate the color by 10%, you get **60AF4B**, and if you desaturate by 10%, it is **7CAF6F**.

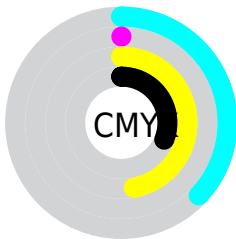
# Distribution



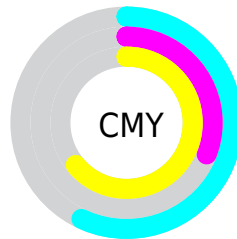
- Red (43%)
- Green (69%)
- Blue (36%)



- Red (36%)
- Yellow (69%)
- Blue (62%)



- Cyan (37%)
- Magenta (0%)
- Yellow (47%)
- Black (31%)



- Cyan (57%)
- Magenta (31%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EAF5D 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 6EAF5D by changing the saturation by 10% instead.





6EAF5D



6EAF5D

FFFFFF



539444



A4E791



397A2C



C0FFAC



1D6113



DFFFC7



004800



FAFFE4



003100



001C00



000000



6EAF5D



6EAF5D



60AF4B



7CAF6F

 52AF3A

 8AAF80

 44AF29

 98AF92

 37AF17

 A5AFA3

 29AF05

 B3AFB4

 24AF00

 C1AFC6

 CFAFD7

 DDAFE9

 EBAFFB

# Harmonies

## Analogous

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



A2A443



6EAF5D



05B587

# Triad

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



6EAF5D



00AAF8



F57988

# Complementary

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



6EAF5D



9E5DAF

# 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.



E97BB7



6EAF5D



7D9CF7

# Square

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



6EAF5D



00B3E0



C289DF



E9845F

# Rectangle

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



6EAF5D



00B6A7



C289DF



F47898



# Sweetspot

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



6EAF5D



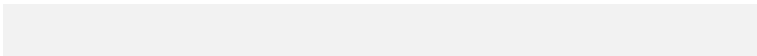
CAE3C3



AF9D5D



63735F



F2F2F2



737373



# Same Dimension

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



6EAF5D



7EE364



5DAF74



50574E



1F9600



051700



# Inverse Universe

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



9E5DAF



C964E3



AF5D98



554E57



770096



120017



# Previews

## White Background



This preview shows how the Hex color 6EAF5D looks on a white background.

## Color Contrast Check

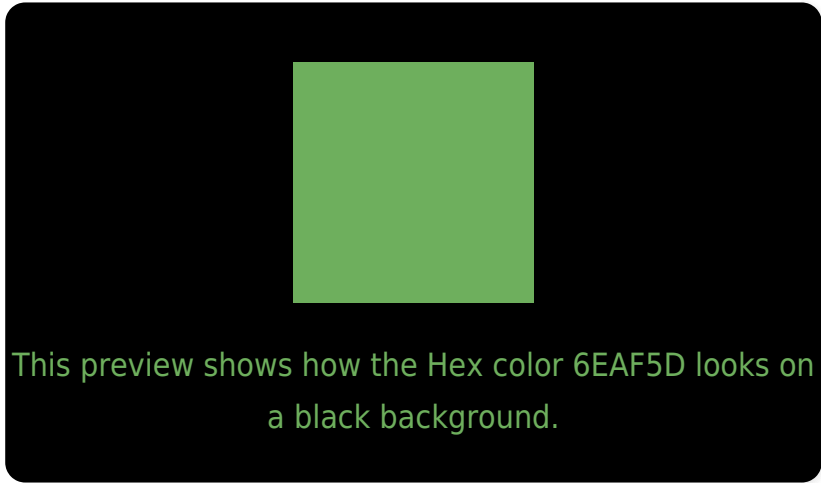
Large Text (above 18pt) WCAG AA × Fail

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 6EAF5D Background



This preview shows how black text looks on a background with the Hex color 6EAF5D.



This preview shows how white text looks on a background with the Hex color 6EAF5D.

# 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



**Original Color**  
6EAF5D

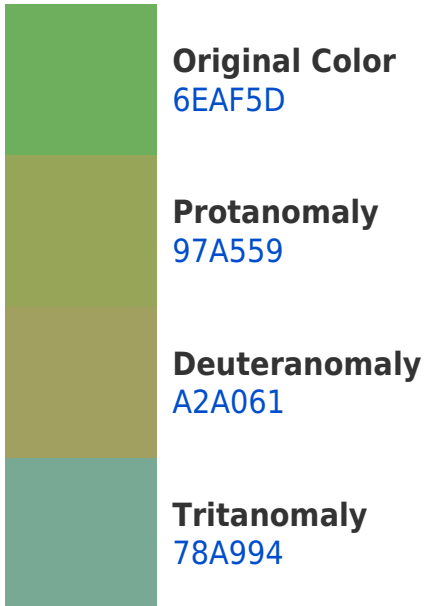
**Protanopia**  
AE9F57

**Deuteranopia**  
BF9763



**Tritanopia**  
7DA5B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EAF5D 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 #6EAF5D looks like.

```
.text, #text, p{  
    color:#6EAF5D  
}
```

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 #6EAF5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EAF5D  
}
```

## Border

The CSS property to change the border of an element to Hex 6EAF5D 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  
#6EAF5D }
```

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

```
.border{ border-color:#6EAF5D }
```

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

Here you see how a box with a 4 pixel #6EAF5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EAF5D; -webkit-box-shadow:4px 4px  
4px 4px #6EAF5D; box-shadow:4px 4px 4px  
4px #6EAF5D }
```

# Background

The CSS property to change the background color of an element to Hex 6EAF5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EAF5D }
```

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

```
.background{ background-color:#6EAF5D }
```

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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