

# Converting Colors

Hex(6EAE54)

Have a look what the booklet for  
Hex(6EAE54) contains.

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**Color**

**Hex(6EAE54)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EAE54
RGB	110, 174, 84
RGB Percent	43%, 68%, 33%
CMY	0.5686, 0.3176, 0.6706
CMYK	0.37, 0.00, 0.52, 0.32
HSL	103°, 36%, 51%
HSV	103°, 52%, 68%
XYZ	23.1667, 34.2272, 13.7730
YIQ	144.6040, -9.2540, -41.5580

# Conversions

## Conversions Part 2

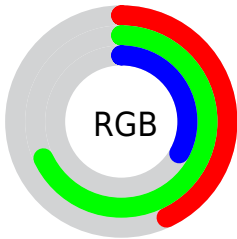
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 174, 148
Decimal	7253588
CIELab	65.14, -37.42, 39.50
CIELCh	65, 54.416, 133.451
Yxy	34.2272, 0.3255, 0.4809
Android (android.graphics.Color)	4285443668 (0xFF6EAE54)
YUV	144.6040, -29.8778, -30.3477
Hunter-Lab	58.5040, -31.6988, 26.9948

# Details

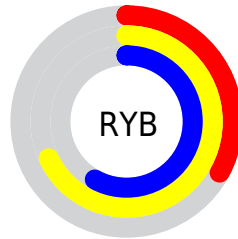
The Hex color **6EAE54** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9454AE**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A5E688**, and **397922** is the 20% darker color. If you saturate the color by 10%, you get **62AE43**, and if you desaturate by 10%, it is **7AAE65**.

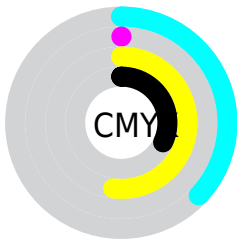
# Distribution



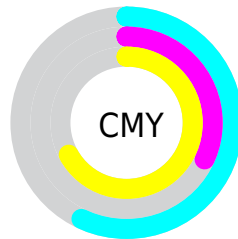
- Red (43%)
- Green (68%)
- Blue (33%)



- Red (33%)
- Yellow (68%)
- Blue (58%)



- Cyan (37%)
- Magenta (0%)
- Yellow (52%)
- Black (32%)



- Cyan (57%)
- Magenta (32%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EAE54 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 6EAE54 by changing the saturation by 10% instead.





6EAE54



6EAE54

FFFFFF



53933B



A5E688



397922



C1FFA2



1C6006



DdffBE



004700



FbFFDA



003000



FFFFF7



001B00



000000



6EAE54



6EAE54



62AE43



7AAE65

 55AE31

 87AE77

 49AE20

 93AE88

 3DAE0E

 9FAE9A

 32AE00

 ACAEAB

 B8AEBC

 C5AECE

 D1AEDF

 DDAEF1

# Harmonies

## Analogous

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



A4A239



6EAE54



00B481

# Triad

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



6EAE54



00ABFB



F8738A

# Complementary

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



6EAE54



9454AE

# 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.



EA77BB



6EAE54



6F9CFD

# Square

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



6EAE54



00B3E0



BE88E5



EE7F5D

# Rectangle

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



6EAE54



00B6A2



BE88E5



F7739A



# Sweetspot

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



6EAE54



C9E3BF



AE9354



63735D



F2F2F2



737373



# Same Dimension

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



6EAE54



7FE356



54AE66



51574E



2B9600



071700



# Inverse Universe

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



9454AE



BA56E3



AE549C



544E57



6B0096



100017



# Previews

## White Background



This preview shows how the Hex color 6EAE54 looks on a white background.

## Color Contrast Check

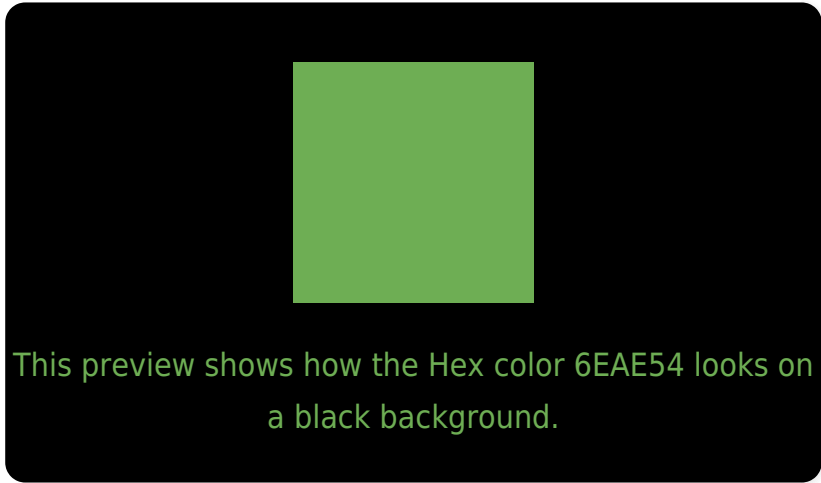
Large Text (above 18pt) WCAG AA × Fail

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 6EAE54 Background



This preview shows how black text looks on a background with the Hex color 6EAE54.

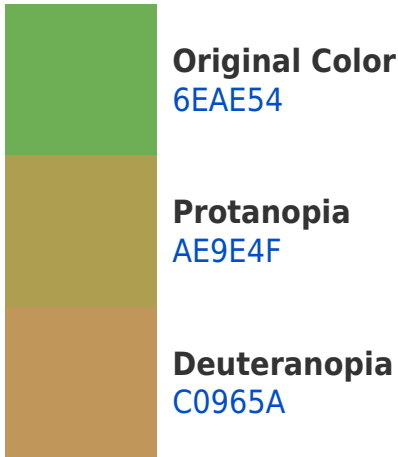


This preview shows how white text looks on a background with the Hex color 6EAE54.

# 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](#).

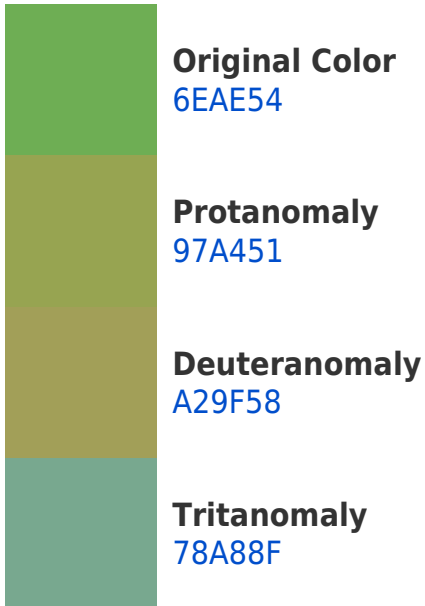
## Dichromacy



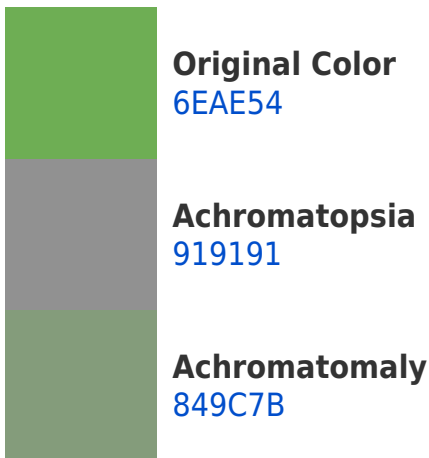


**Tritanopia**  
7EA4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EAE54 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 #6EAE54 looks like.

```
.text, #text, p{  
    color:#6EAE54  
}
```

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 #6EAE54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EAE54
}
```

## Border

The CSS property to change the border of an element to Hex 6EAE54 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
#6EAE54 }
```

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

```
.border{ border-color:#6EAE54 }
```

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

Here you see how a box with a 4 pixel #6EAE54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EAE54; -webkit-box-shadow:4px 4px  
4px 4px #6EAE54; box-shadow:4px 4px 4px  
4px #6EAE54 }
```

# Background

The CSS property to change the background color of an element to Hex 6EAE54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EAE54 }
```

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

```
.background{ background-color:#6EAE54 }
```

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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