

# Converting Colors

Hex(69AE6F)

Have a look what the booklet for  
Hex(69AE6F) contains.

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# Color

Hex(69AE6F)

# Conversions

## Conversions Part 1

Format	Color
Hex	69AE6F
RGB	105, 174, 111
RGB Percent	41%, 68%, 44%
CMY	0.5882, 0.3176, 0.5647
CMYK	0.40, 0.00, 0.36, 0.32
HSL	125°, 30%, 55%
HSV	125°, 40%, 68%
XYZ	23.8310, 34.4231, 20.4272
YIQ	146.1870, -20.9010, -34.2210

# Conversions

## Conversions Part 2

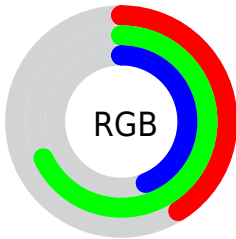
Format	Color
<a href="#">RYB</a>	<a href="#">105, 168, 174</a>
Decimal	<a href="#">6925935</a>
CIELab	<a href="#">65.30, -35.13, 25.67</a>
CIELCh	<a href="#">65, 43.513, 143.841</a>
Yxy	<a href="#">34.4231, 0.3029, 0.4375</a>
Android (android.graphics.Color)	<a href="#">4285116015 (0xFF69AE6F)</a>
YUV	<a href="#">146.1870, -17.3472, -36.1210</a>
Hunter-Lab	<a href="#">58.6712, -30.1716, 20.4271</a>

# Details

The Hex color **69AE6F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AE69A8**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **9FE6A3**, and **34793E** is the 20% darker color. If you saturate the color by 10%, you get **58AE5F**, and if you desaturate by 10%, it is **7AAE7F**.

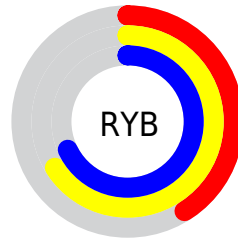
# Distribution



Red (41%)

Green (68%)

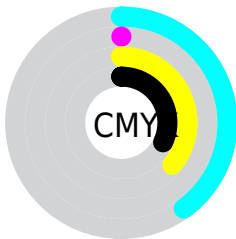
Blue (44%)



Red (41%)

Yellow (66%)

Blue (68%)

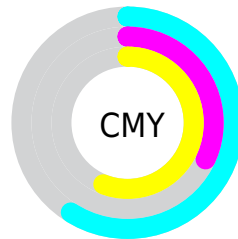


Cyan (40%)

Magenta (0%)

Yellow (36%)

Black (32%)



Cyan (59%)

Magenta (32%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69AE6F 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 69AE6F by changing the saturation by 10% instead.





69AE6F



69AE6F

FFFFFF



4F9356



9FE6A3



34793E



BBFFBE



176027



D7FFDA



004711



F4FFF7



003000



001B00



000000



69AE6F



69AE6F



58AE5F



7AAE7F

 46AE4F

 8CAE8F

 35AE3F

 9DAE9F

 23AE2F

 AFAEAF

 12AE20

 C0AEBE

 01AE10

 D1AECE

 00AE0F

 E3AEDE

 F4AE EE

 FFAEFE

# Harmonies

## Analogous

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



97A655



69AE6F



22B295

# Triad

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



69AE6F



4BA5EC



E88181

# Complementary

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



69AE6F



AE69A8

# 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.



E37FA8



69AE6F



9697E6

# Square

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



69AE6F



00AEDC



C789CD



DA8C61

# Rectangle

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



69AE6F



00B3B0



C789CD



E97F8E



# Sweetspot

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



69AE6F



C8E3CA



A8AE69



637364



F2F2F2



737373



# Same Dimension

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



69AE6F



76E37F



69AE91



4E574F



00960D



001702



# Inverse Universe

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



AE69A8



E376D9



AE6986



574E56



960089



170015



# Previews

## White Background



This preview shows how the Hex color 69AE6F looks on a white background.

## Color Contrast Check

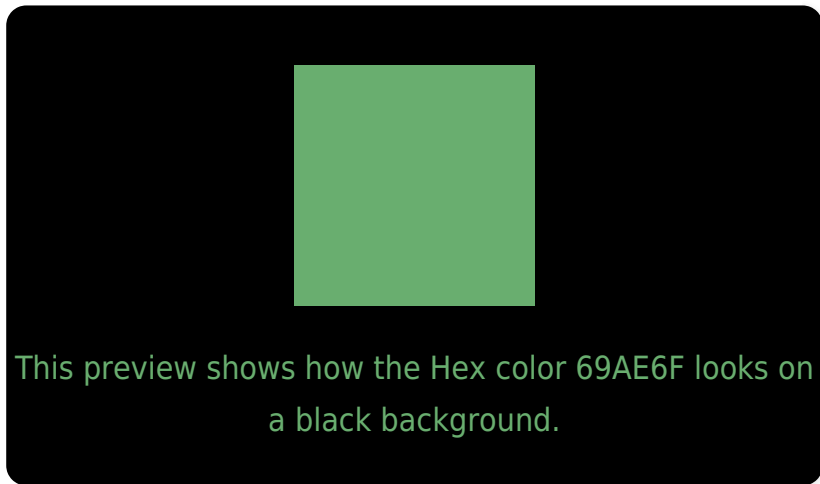
Large Text (above 18pt) WCAG AA × Fail

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

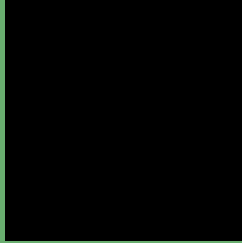
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 69AE6F Background



This preview shows how black text looks on a background with the Hex color 69AE6F.



This preview shows how white text looks on a background with the Hex color 69AE6F.

# 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**  
69AE6F

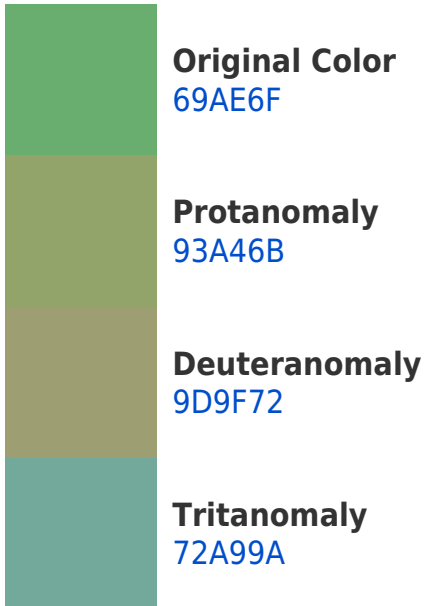
**Protanopia**  
AB9E68

**Deuteranopia**  
BA9774

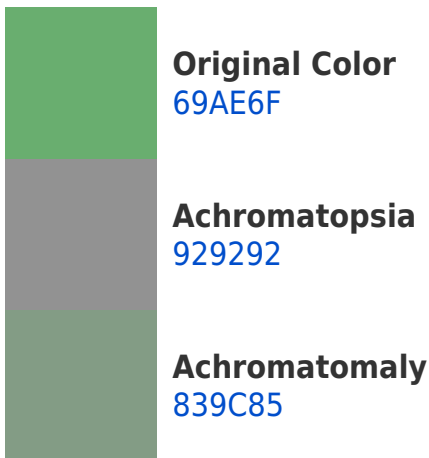


**Tritanopia**  
77A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69AE6F 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 #69AE6F looks like.

```
.text, #text, p{  
    color:#69AE6F  
}
```

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 #69AE6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69AE6F  
}
```

## Border

The CSS property to change the border of an element to Hex 69AE6F 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  
#69AE6F }
```

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

```
.border{ border-color:#69AE6F }
```

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

Here you see how a box with a 4 pixel #69AE6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69AE6F; -webkit-box-shadow:4px 4px  
4px 4px #69AE6F; box-shadow:4px 4px 4px  
4px #69AE6F }
```

# Background

The CSS property to change the background color of an element to Hex 69AE6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69AE6F }
```

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

```
.background{ background-color:#69AE6F }
```

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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