

# Converting Colors

Hex(69E355)

Have a look what the booklet for  
Hex(69E355) contains.

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**Color**

**Hex(69E355)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69E355
RGB	105, 227, 85
RGB Percent	41%, 89%, 33%
CMY	0.5882, 0.1098, 0.6667
CMYK	0.54, 0.00, 0.63, 0.11
HSL	112°, 72%, 61%
HSV	112°, 63%, 89%
XYZ	34.9345, 58.5973, 18.0635
YIQ	174.3340, -27.1300, -70.0260

# Conversions

## Conversions Part 2

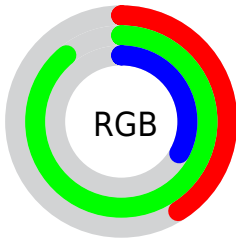
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 227, 207
Decimal	6939477
CIELab	81.07, -60.25, 57.47
CIELCh	81, 83.258, 136.352
Yxy	58.5973, 0.3130, 0.5251
Android (android.graphics.Color)	4285129557 (0xFF69E355)
YUV	174.3340, -44.0417, -60.8059
Hunter-Lab	76.5489, -52.4988, 39.5933

# Details

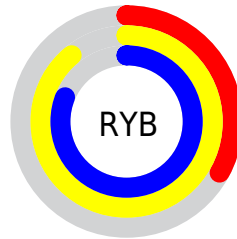
The Hex color **69E355** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **CF55E3**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **A5FF8C**, and **22AA1A** is the 20% darker color. If you saturate the color by 10%, you get **55E33E**, and if you desaturate by 10%, it is **7DE36C**.

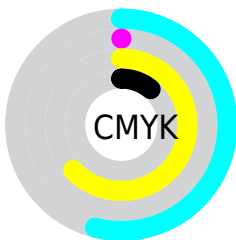
# Distribution



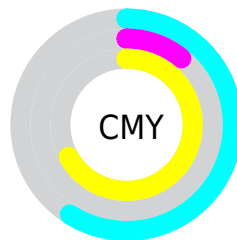
- Red (41%)
- Green (89%)
- Blue (33%)



- Red (33%)
- Yellow (89%)
- Blue (81%)



- Cyan (54%)
- Magenta (0%)
- Yellow (63%)
- Black (11%)



- Cyan (59%)
- Magenta (11%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69E355 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 69E355 by changing the saturation by 10% instead.



 69E355

 69E355

FFFFFF

 49C639

 A5FF8C

 22AA1A

 C3FFA7

 008F00

 E1FFC4

 007500

 FFFFEO

 005B00

FFFFFFE

 004200

 002B00

 000700

 000000

 69E355

 69E355

 55E33E

 7DE36C

 42E328

 90E382

 2EE311

 A4E399

 20E300

 B7E3B0

 CBE3C6

 DEE3DD

 F2E3F4

 FFE3FF

# Harmonies

## Analogous

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



C7D309



69E355



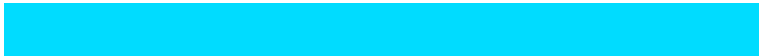
00EBA2

# Triad

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



69E355



00DCFF



FF7DA2

# Complementary

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



69E355



CF55E3

# 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.



FF81F0



69E355



7BC4FF

# Square

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



69E355



00EAFF



FFA1FF



FF985A

# Rectangle

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



69E355



00EED8



FFA1FF



FF7ABC

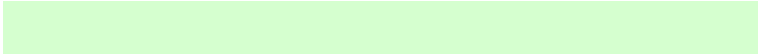


# Sweetspot

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



69E355



D5FFCF



E3CE55



668062



000000



808080



# Same Dimension

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



69E355



5BFF40



55E387



697367



19B300



073300



# Inverse Universe

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



CF55E3



E440FF



E355B1



716773



9900B3

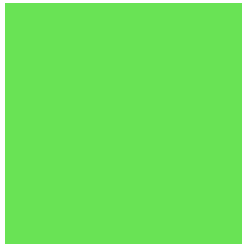


2C0033



# Previews

## White Background



This preview shows how the Hex color 69E355 looks on a white background.

## Color Contrast Check

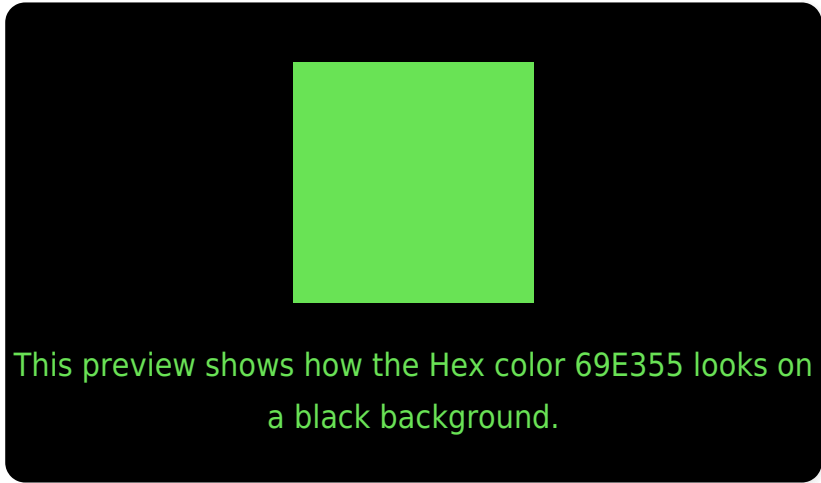
Large Text (above 18pt) WCAG AA × Fail

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

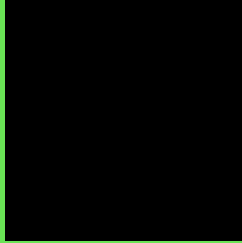
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 69E355 Background



This preview shows how black text looks on a background with the Hex color 69E355.

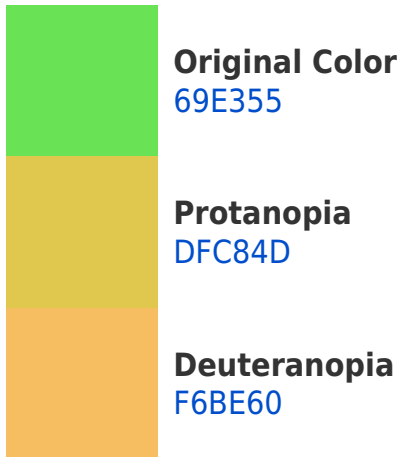


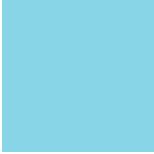
This preview shows how white text looks on a background with the Hex color 69E355.

# 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



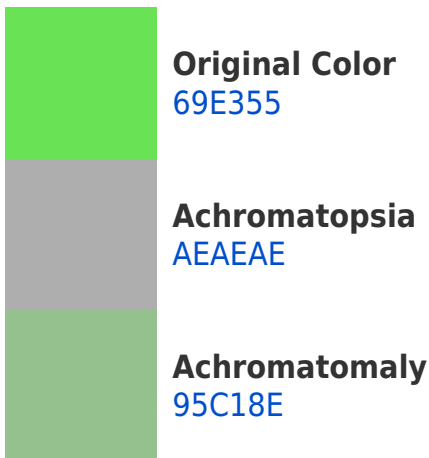


**Tritanopia**  
87D5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69E355 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 #69E355 looks like.

```
.text, #text, p{  
    color:#69E355  
}
```

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 #69E355 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69E355
}
```

## Border

The CSS property to change the border of an element to Hex 69E355 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
#69E355 }
```

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

```
.border{ border-color:#69E355 }
```

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

Here you see how a box with a 4 pixel #69E355 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69E355; -webkit-box-shadow:4px 4px  
4px 4px #69E355; box-shadow:4px 4px 4px  
4px #69E355 }
```

# Background

The CSS property to change the background color of an element to Hex 69E355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69E355 }
```

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

```
.background{ background-color:#69E355 }
```

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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