

# Converting Colors

Hex(5EE619)

Have a look what the booklet for  
Hex(5EE619) contains.

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**Color**

**Hex(5EE619)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EE619
RGB	94, 230, 25
RGB Percent	37%, 90%, 10%
CMY	0.6314, 0.0980, 0.9020
CMYK	0.59, 0.00, 0.89, 0.10
HSL	100°, 80%, 50%
HSV	100°, 89%, 90%
XYZ	33.0884, 59.0435, 10.5723
YIQ	165.9660, -15.2510, -92.5870

# Conversions

## Conversions Part 2

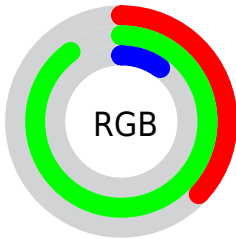
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">25, 230, 161</a>
Decimal	<a href="#">6219289</a>
CIELab	<a href="#">81.32, -67.73, 75.86</a>
CIELCh	<a href="#">81, 101.695, 131.759</a>
Yxy	<a href="#">59.0435, 0.3222, 0.5749</a>
Android (android.graphics.Color)	<a href="#">4284409369 (0xFF5EE619)</a>
YUV	<a href="#">165.9660, -69.4962, -63.1142</a>
Hunter-Lab	<a href="#">76.8398, -57.6048, 45.6302</a>

# Details

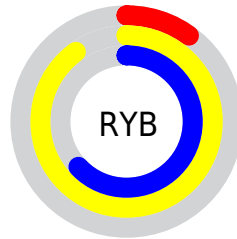
The Hex color **5EE619** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **A119E6**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **9EFF5F**, and **00AD00** is the 20% darker color. If you saturate the color by 10%, you get **4FE602**, and if you desaturate by 10%, it is **6DE630**.

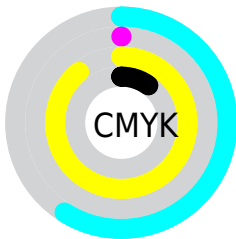
# Distribution



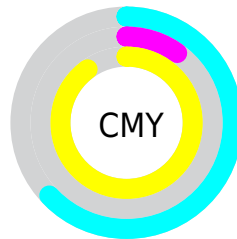
- Red (37%)
- Green (90%)
- Blue (10%)



- Red (10%)
- Yellow (90%)
- Blue (63%)



- Cyan (59%)
- Magenta (0%)
- Yellow (89%)
- Black (10%)



- Cyan (63%)
- Magenta (10%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EE619 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 5EE619 by changing the saturation by 10% instead.



 5EE619

 5EE619

FFFFFF

 39C900

 9EFF5F

 00AD00

 BDFF7D

 009200

 DCFF9A

 007700

 FBFFB7

 005D00

 FFFFD4

 004300

 FFFFF2

 002B00

 000900

 000000

 5EE619

 5EE619

 4FE602

 6DE630

 4DE600

 7DE647

 8CE65E

 9BE675

 AAE68C

 BAE6A3

 C9E6BA

 D8E6D1

 E7E6E8

# Harmonies

## Analogous

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



D0D200



5EE619



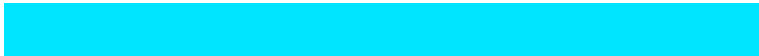
00F08A

# Triad

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



5EE619



00E5FF



FF57A9

# Complementary

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



5EE619



A119E6

# 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.



FF69FF



5EE619



00C9FF

# Square

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



5EE619



00F1FF



FA9DFF



FF814D

# Rectangle

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



5EE619



00F3CD



FA9DFF



FF55C9

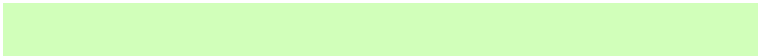


# Sweetspot

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



5EE619



D1FFBA



E69E19



648057



000000



808080



# Same Dimension

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



5EE619



56FF00



19E638



6B7367



3CB300



113300



# Inverse Universe

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



A119E6



A900FF



E619C7



6F6773



7600B3

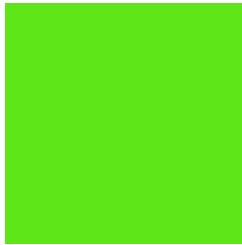


220033



# Previews

## White Background



This preview shows how the Hex color 5EE619 looks on a white background.

## Color Contrast Check

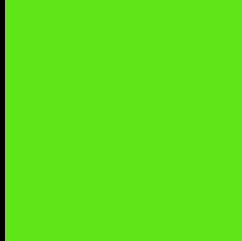
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 5EE619 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

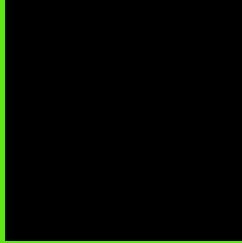
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

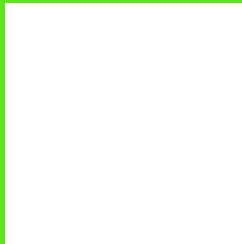
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5EE619 Background



This preview shows how black text looks on a background with the Hex color 5EE619.

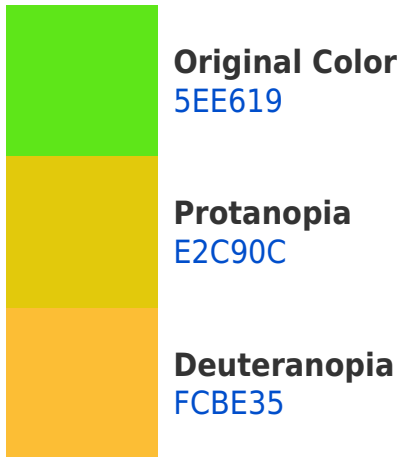


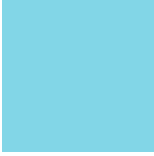
This preview shows how white text looks on a background with the Hex color 5EE619.

# 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](#).

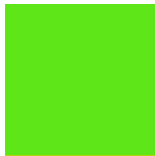
## Dichromacy





**Tritanopia**  
82D6E7

# Trichromacy



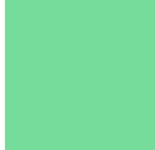
**Original Color**  
5EE619



**Protanomaly**  
B2D411



**Deuteranomaly**  
C3CD2B

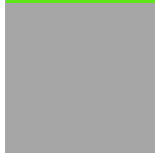


**Tritanomaly**  
75DC9C

# Monochromacy



**Original Color**  
5EE619



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
8CBD73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EE619 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 #5EE619 looks like.

```
.text, #text, p{  
    color:#5EE619  
}
```

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 #5EE619 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EE619
}
```

## Border

The CSS property to change the border of an element to Hex 5EE619 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
#5EE619 }
```

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

```
.border{ border-color:#5EE619 }
```

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

Here you see how a box with a 4 pixel #5EE619 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EE619; -webkit-box-shadow:4px 4px  
4px 4px #5EE619; box-shadow:4px 4px 4px  
4px #5EE619 }
```

# Background

The CSS property to change the background color of an element to Hex 5EE619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EE619 }
```

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

```
.background{ background-color:#5EE619 }
```

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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