

# Converting Colors

Hex(5EE718)

Have a look what the booklet for  
Hex(5EE718) contains.

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**Color**

**Hex(5EE718)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EE718
RGB	94, 231, 24
RGB Percent	37%, 91%, 9%
CMY	0.6314, 0.0941, 0.9059
CMYK	0.59, 0.00, 0.90, 0.09
HSL	100°, 81%, 50%
HSV	100°, 90%, 91%
XYZ	33.3569, 59.5975, 10.6095
YIQ	166.4390, -15.2050, -93.4210

# Conversions

## Conversions Part 2

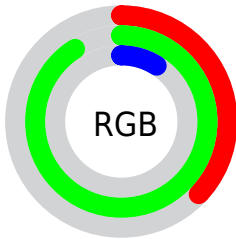
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 231, 161
Decimal	6219544
CIELab	81.62, -68.09, 76.28
CIELCh	82, 102.244, 131.754
Yxy	59.5975, 0.3221, 0.5755
Android (android.graphics.Color)	4284409624 (0xFF5EE718)
YUV	166.4390, -70.2224, -63.5290
Hunter-Lab	77.1994, -57.9713, 45.8913

# Details

The Hex color **5EE718** 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 **A118E7**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **9EFF5F**, and **00AE00** is the 20% darker color. If you saturate the color by 10%, you get **4FE701**, and if you desaturate by 10%, it is **6DE72F**.

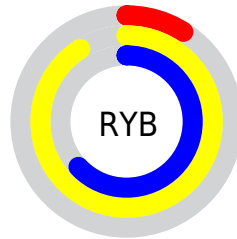
# Distribution



Red (37%)

Green (91%)

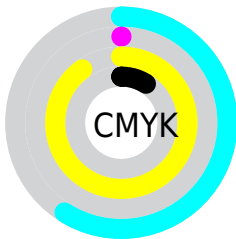
Blue (9%)



Red (9%)

Yellow (91%)

Blue (63%)

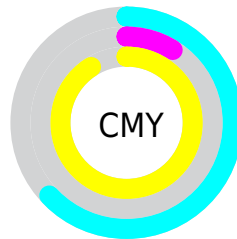


Cyan (59%)

Magenta (0%)

Yellow (90%)

Black (9%)



Cyan (63%)

Magenta (9%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EE718 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 5EE718 by changing the saturation by 10% instead.



 5EE718

 5EE718

FFFFFF

 39CA00

 9EFF5F

 00AE00

 BDFF7C

 009300

 DCFF9A

 007800

 FBFFB7

 005E00

 FFFFD4

 004400

 FFFFF2

 002C00

 000B00

 000000

 5EE718

 5EE718

 4FE701

 6DE72F

 4EE700

 7DE746

 8CE75D

 9BE774

 AAE78C

 BAE7A3

 C9E7BA

 D8E7D1

 E8E7E8

# Harmonies

## Analogous

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



D1D300



5EE718



00F18B

# Triad

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



5EE718



00E6FF



FF57AA

# Complementary

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



5EE718



A118E7

# 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



5EE718



00CAFF

# Square

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



5EE718



00F2FF



FC9EFF



FF814E

# Rectangle

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



5EE718



00F4CE



FC9EFF



FF54CA

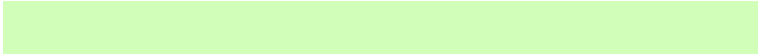


# Sweetspot

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



5EE718



D1FFBA



E79F18



648057



000000



808080



# Same Dimension

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



5EE718



56FF00



18E737



6B7367



3CB300



113300



# Inverse Universe

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



A118E7



A900FF



E718C8



6F6773



7600B3

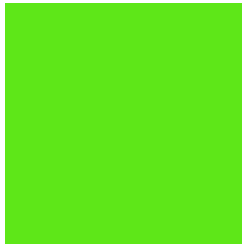


220033



# Previews

## White Background



This preview shows how the Hex color 5EE718 looks on a white background.

## Color Contrast Check

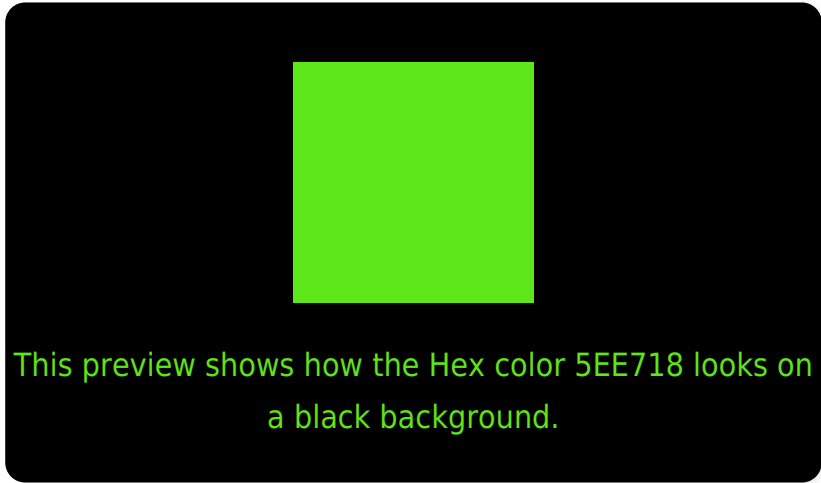
Large Text (above 18pt) WCAG AA × Fail

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

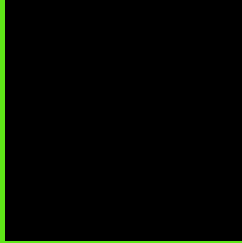
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5EE718 Background



This preview shows how black text looks on a background with the Hex color 5EE718.

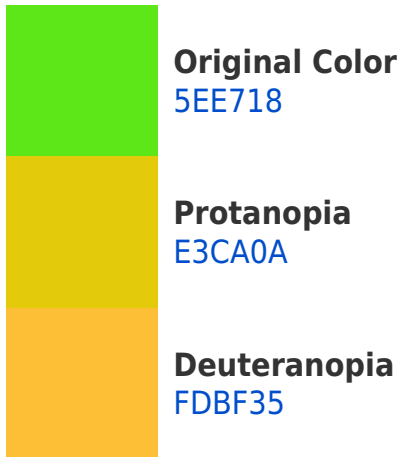


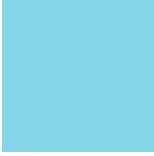
This preview shows how white text looks on a background with the Hex color 5EE718.

# 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](#).

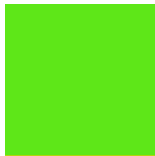
## Dichromacy





**Tritanopia**  
83D7E8

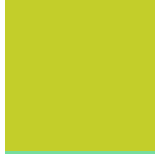
# Trichromacy



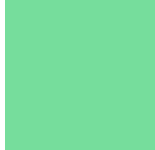
**Original Color**  
5EE718



**Protanomaly**  
B3D50F



**Deuteranomaly**  
C3CE2A



**Tritanomaly**  
76DD9C

# Monochromacy



**Original Color**  
5EE718



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
8CBE72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EE718 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 #5EE718 looks like.

```
.text, #text, p{  
    color:#5EE718  
}
```

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 #5EE718 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EE718
}
```

## Border

The CSS property to change the border of an element to Hex 5EE718 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
#5EE718 }
```

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

```
.border{ border-color:#5EE718 }
```

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

Here you see how a box with a 4 pixel #5EE718 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EE718; -webkit-box-shadow:4px 4px  
4px 4px #5EE718; box-shadow:4px 4px 4px  
4px #5EE718 }
```

# Background

The CSS property to change the background color of an element to Hex 5EE718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EE718 }
```

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

```
.background{ background-color:#5EE718 }
```

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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