

# Converting Colors

Hex(59E718)

Have a look what the booklet for  
Hex(59E718) contains.

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**Color**

**Hex(59E718)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59E718
RGB	89, 231, 24
RGB Percent	35%, 91%, 9%
CMY	0.6510, 0.0941, 0.9059
CMYK	0.61, 0.00, 0.90, 0.09
HSL	101°, 81%, 50%
HSV	101°, 90%, 91%
XYZ	32.8606, 59.3416, 10.5863
YIQ	164.9440, -18.1850, -94.4810

# Conversions

## Conversions Part 2

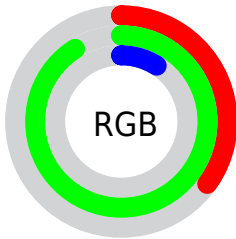
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 231, 166
Decimal	5891864
CIELab	81.48, -69.24, 76.10
CIELCh	81, 102.888, 132.298
Yxy	59.3416, 0.3197, 0.5773
Android (android.graphics.Color)	4284081944 (0xFF59E718)
YUV	164.9440, -69.4854, -66.6029
Hunter-Lab	77.0335, -58.6649, 45.7756

# Details


The Hex color **59E718** 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 **A618E7**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **9AFF5F**, and **00AE00** is the 20% darker color. If you saturate the color by 10%, you get **49E701**, and if you desaturate by 10%, it is **69E72F**.

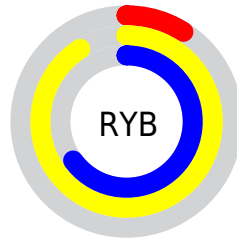
# Distribution



 Red (35%)

 Green (91%)

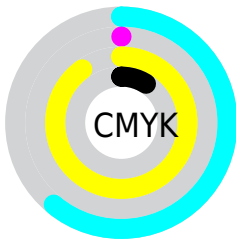
 Blue (9%)




 Red (9%)

 Yellow (91%)

 Blue (65%)

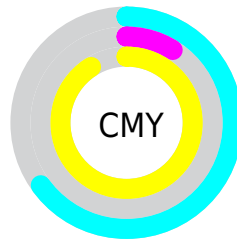


 Cyan (61%)


 Magenta (0%)

 Yellow (90%)

 Black (9%)



 Cyan (65%)

 Magenta (9%)

 Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59E718 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 59E718 by changing the saturation by 10% instead.



 59E718

 59E718

FFFFFF

 31CA00

 9AFF5F

 00AE00

 B9FF7C

 009200

 D8FF99

 007800

 F8FFB7

 005D00

 FFFFD4

 004400

 FFFFF2

 002C00

 000A00

 000000

 59E718

 59E718

 49E701

 69E72F

 49E700

 79E746

 89E75D

 98E774

 A8E78C

 B8E7A3

 C8E7BA

 D8E7D1

 E8E7E8

# Harmonies

## Analogous

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



CFD300



59E718



00F18C

# Triad

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



59E718



00E5FF



FF55A7

# Complementary

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



59E718



A618E7

# 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.



FF66FF



59E718



00C9FF

# Square

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



59E718



00F2FF



FE9CFF



FF814B

# Rectangle

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



59E718



00F4CF



FE9CFF



FF52C7

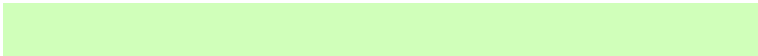


# Sweetspot

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



59E718



D0FFBA



E7A518



648057



000000



808080



# Same Dimension

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



59E718



50FF00



18E73E



6B7367



38B300



103300



# Inverse Universe

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



A618E7



AF00FF



E718C1



6F6773



7A00B3

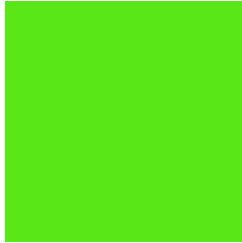


230033



# Previews

## White Background



This preview shows how the Hex color 59E718 looks on a white background.

## Color Contrast Check

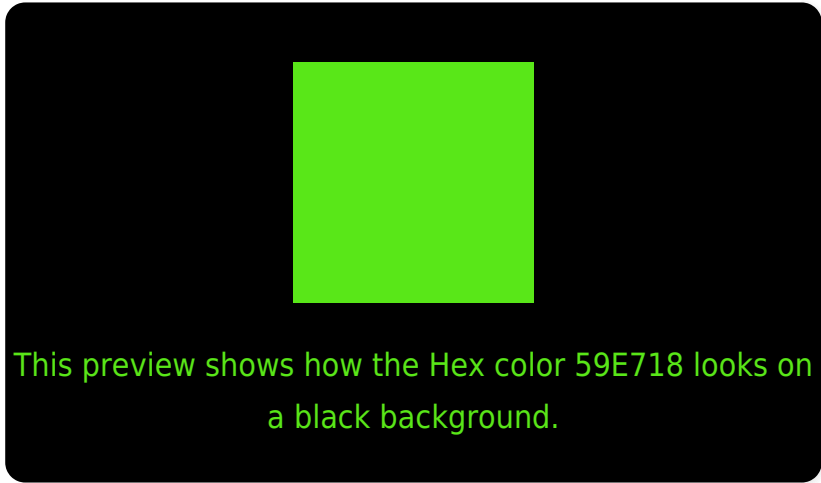
Large Text (above 18pt) WCAG AA × Fail

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

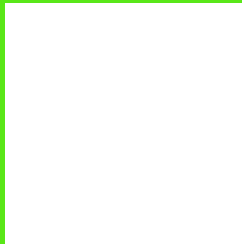
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 59E718 Background



This preview shows how black text looks on a background with the Hex color 59E718.

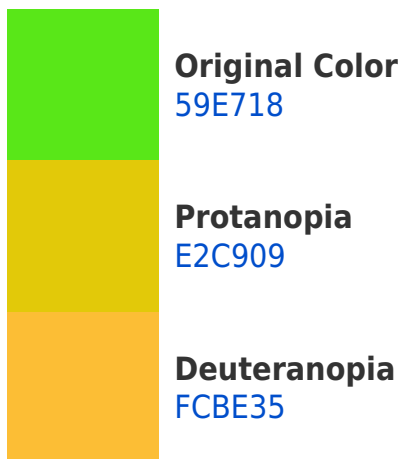


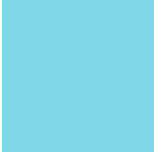
This preview shows how white text looks on a background with the Hex color 59E718.

# 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](#).

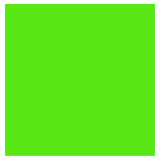
## Dichromacy





**Tritanopia**  
7FD7E8

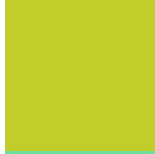
# Trichromacy



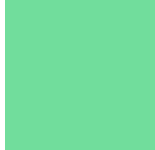
**Original Color**  
59E718



**Protanomaly**  
B0D40E



**Deuteranomaly**  
C1CD2A



**Tritanomaly**  
71DD9C

# Monochromacy



**Original Color**  
59E718



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
89BD72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59E718 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 #59E718 looks like.

```
.text, #text, p{  
    color:#59E718  
}
```

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 #59E718 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59E718
}
```

## Border

The CSS property to change the border of an element to Hex 59E718 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
#59E718 }
```

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

```
.border{ border-color:#59E718 }
```

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

Here you see how a box with a 4 pixel #59E718 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59E718; -webkit-box-shadow:4px 4px  
4px 4px #59E718; box-shadow:4px 4px 4px  
4px #59E718 }
```

# Background

The CSS property to change the background color of an element to Hex 59E718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59E718 }
```

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

```
.background{ background-color:#59E718 }
```

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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