

Converting Colors

Hex(51E718)

Have a look what the booklet for
Hex(51E718) contains.

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Color

Hex(51E718)

Conversions

Conversions Part 1

Format	Color
Hex	51E718
RGB	81, 231, 24
RGB Percent	32%, 91%, 9%
CMY	0.6824, 0.0941, 0.9059
CMYK	0.65, 0.00, 0.90, 0.09
HSL	103°, 81%, 50%
HSV	103°, 90%, 91%
XYZ	32.1341, 58.9671, 10.5523
YIQ	162.5520, -22.9530, -96.1770

Conversions

Conversions Part 2

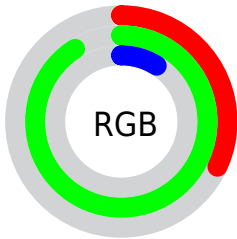
Format	Color
RYB	24, 231, 174
Decimal	5367576
CIELab	81.27, -70.96, 75.85
CIELCh	81, 103.866, 133.094
Yxy	58.9671, 0.3161, 0.5801
Android (android.graphics.Color)	4283557656 (0xFF51E718)
YUV	162.5520, -68.3061, -71.5211
Hunter-Lab	76.7900, -59.6862, 45.6055

Details

The Hex color **51E718** 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 **AE18E7**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **94FF5F**, and **00AE00** is the 20% darker color. If you saturate the color by 10%, you get **40E701**, and if you desaturate by 10%, it is **62E72F**.

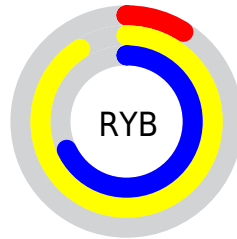
Distribution



Red (32%)

Green (91%)

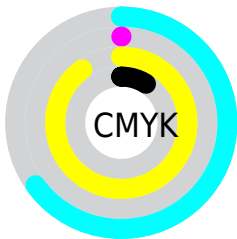
Blue (9%)



Red (9%)

Yellow (91%)

Blue (68%)

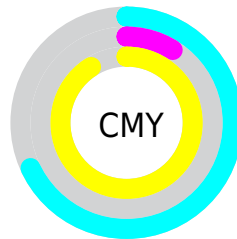


Cyan (65%)

Magenta (0%)

Yellow (90%)

Black (9%)



Cyan (68%)

Magenta (9%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51E718 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 51E718 by changing the saturation by 10% instead.

 51E718

 51E718

FFFFFF

 24CA00

 94FF5F

 00AE00

 B4FF7C

 009200

 D3FF99

 007700

 F2FFB7

 005D00

 FFFFD4

 004400

 FFFFF2

 002B00

 000900

 000000

■ 51E718

■ 51E718

■ 40E701

■ 62E72F

■ 40E700

■ 72E746

■ 83E75D

■ 94E774

■ A5E78C

■ B5E7A3

■ C6E7BA

■ D7E7D1

■ E8E7E8

Harmonies

Analogous

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



CCD300



51E718



00F18D

Triad

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



51E718



00E5FF



FF52A4

Complementary

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



51E718



AE18E7

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.



FF62FF



51E718



00C8FF

Square

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



51E718



00F2FF



FF99FF



FF8046

Rectangle

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



51E718



00F4D2



FF99FF



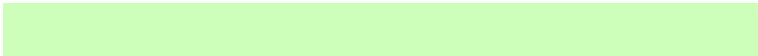
FF4EC4

Sweetspot

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



51E718



CDFFB8



E7AC18



628057



000000



808080

Same Dimension

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



51E718



46FF00



18E745



6A7367



31B300



0E3300

Inverse Universe

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



AE18E7



B900FF



E718BA



706773



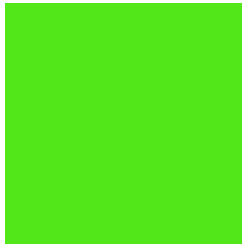
8100B3



250033

Previews

White Background



This preview shows how the Hex color 51E718 looks on a white background.

Color Contrast Check

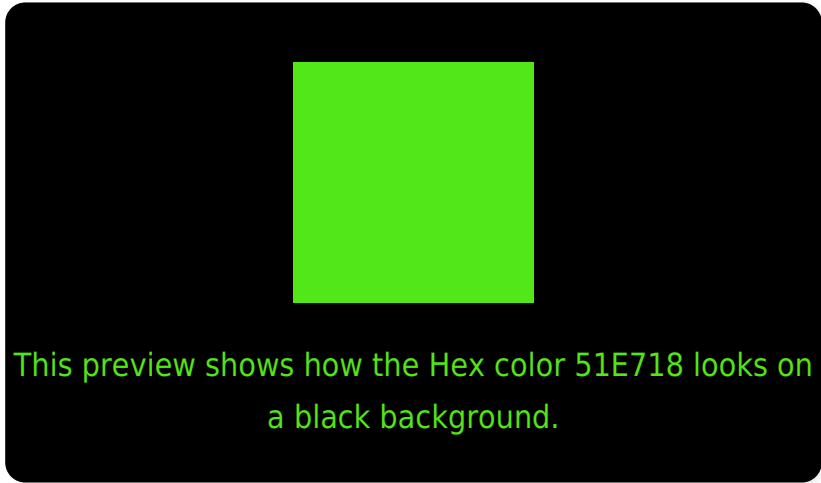
Large Text (above 18pt) WCAG AA × Fail

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

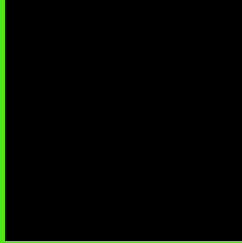
Any Text WCAG AA ✓ Pass

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 51E718 Background



This preview shows how black text looks on a background with the Hex color 51E718.

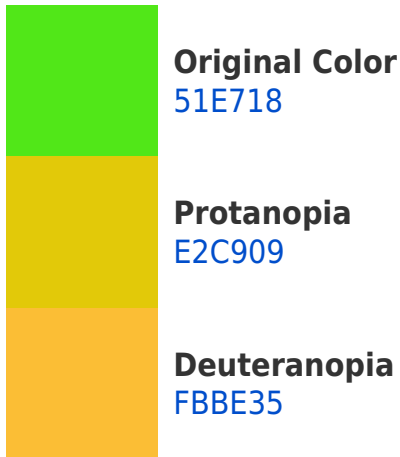


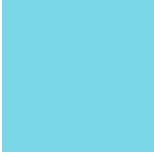
This preview shows how white text looks on a background with the Hex color 51E718.

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](#).

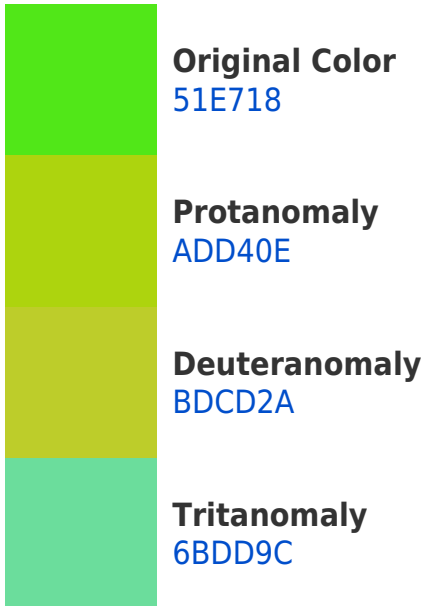
Dichromacy



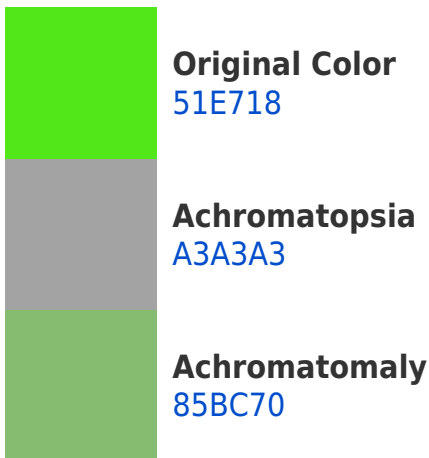


Tritanopia
7AD7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51E718 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 #51E718 looks like.

```
.text, #text, p{  
    color:#51E718  
}
```

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 #51E718 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51E718
}
```

Border

The CSS property to change the border of an element to Hex 51E718 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
#51E718 }
```

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

```
.border{ border-color:#51E718 }
```

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

Here you see how a box with a 4 pixel #51E718 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51E718; -webkit-box-shadow:4px 4px  
4px 4px #51E718; box-shadow:4px 4px 4px  
4px #51E718 }
```

Background

The CSS property to change the background color of an element to Hex 51E718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51E718 }
```

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

```
.background{ background-color:#51E718 }
```

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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