

Converting Colors

Hex(5AE01F)

Have a look what the booklet for
Hex(5AE01F) contains.

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Color

Hex(5AE01F)

Conversions

Conversions Part 1

Format	Color
Hex	5AE01F
RGB	90, 224, 31
RGB Percent	35%, 88%, 12%
CMY	0.6471, 0.1216, 0.8784
CMYK	0.60, 0.00, 0.86, 0.12
HSL	102°, 76%, 50%
HSV	102°, 86%, 88%
XYZ	31.1194, 55.5839, 10.3849
YIQ	161.9320, -17.9110, -88.4310

Conversions

Conversions Part 2

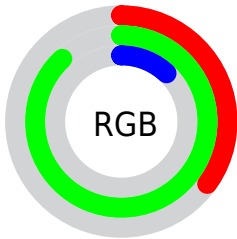
Format	Color
RYB	31, 224, 165
Decimal	5955615
CIELab	79.38, -66.49, 73.06
CIELCh	79, 98.789, 132.303
Yxy	55.5839, 0.3205, 0.5725
Android (android.graphics.Color)	4284145695 (0xFF5AE01F)
YUV	161.9320, -64.5495, -63.0844
Hunter-Lab	74.5546, -55.9639, 43.9296

Details

The Hex color **5AE01F** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **A51FE0**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **9AFF61**, and **00A700** is the 20% darker color. If you saturate the color by 10%, you get **4AE009**, and if you desaturate by 10%, it is **6AE035**.

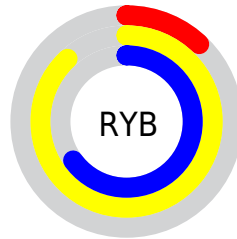
Distribution



Red (35%)

Green (88%)

Blue (12%)



Red (12%)

Yellow (88%)

Blue (65%)

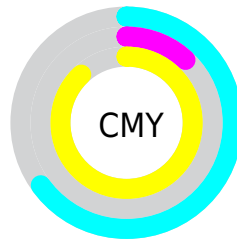


Cyan (60%)

Magenta (0%)

Yellow (86%)

Black (12%)



Cyan (65%)

Magenta (12%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AE01F 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 5AE01F by changing the saturation by 10% instead.

 5AE01F

 5AE01F

FFFFFF

 34C300

 9AFF61

 00A700

 B9FF7E

 008C00

 D7FF9B

 007100

 F6FFB8

 005700

 FFFFD5

 003F00

 FFFFF3

 002600

 000000

 5AE01F

 5AE01F

 4AE009

 6AE035

 44E000

 79E04C

 89E062

 98E079

 A8E08F

 B7E0A5

 C7E0BC

 D6E0D2

 E6E0E9

Harmonies

Analogous

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



C9CD00



5AE01F



00EA89

Triad

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



5AE01F



00DEFF



FF57A3

Complementary

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



5AE01F



A51FE0

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



5AE01F



00C3FF

Square

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



5AE01F



00EBFF



F698FF



FF7F4B

Rectangle

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



5AE01F



00EDC9



F698FF



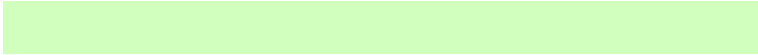
FF55C2

Sweetspot

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



5AE01F



D1FFBD



E0A31F



648058



000000



808080

Same Dimension

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



5AE01F



4EFF00



1FE042



687065



36B000



0F3000

Inverse Universe

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



A51FE0



B100FF



E01FBD



6D6570



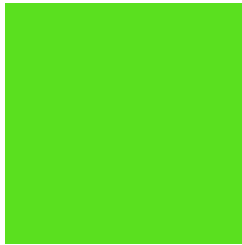
7A00B0



220030

Previews

White Background



This preview shows how the Hex color 5AE01F looks on a white background.

Color Contrast Check

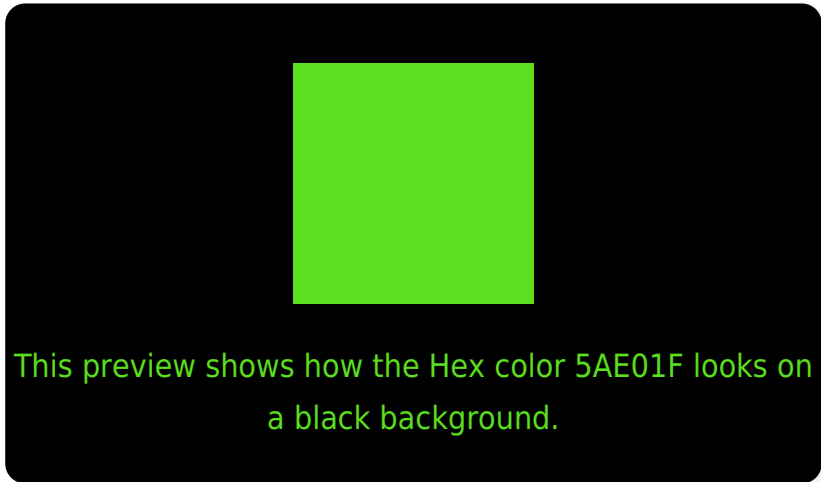
Large Text (above 18pt) WCAG AA × Fail

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

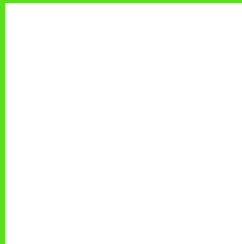
Any Text WCAG AAA ✓ Pass

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

Hex 5AE01F Background



This preview shows how black text looks on a background with the Hex color 5AE01F.

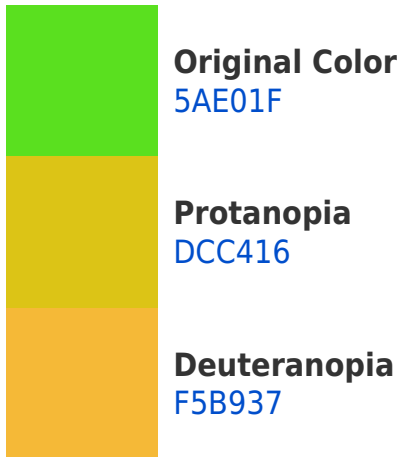


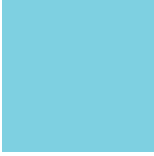
This preview shows how white text looks on a background with the Hex color 5AE01F.

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](#).

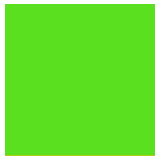
Dichromacy





Tritanopia
7ED0E1

Trichromacy



Original Color
5AE01F



Protanomaly
ADCE19



Deuteranomaly
BDC72E



Tritanomaly
71D69A

Monochromacy



Original Color
5AE01F



Achromatopsia
A2A2A2



Achromatomaly
88B972

CSS Examples

Text

The CSS property to change the color of the text to Hex 5AE01F 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 #5AE01F looks like.

```
.text, #text, p{  
    color:#5AE01F  
}
```

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 #5AE01F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AE01F
}
```

Border

The CSS property to change the border of an element to Hex 5AE01F 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
#5AE01F }
```

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

```
.border{ border-color:#5AE01F }
```

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

Here you see how a box with a 4 pixel #5AE01F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AE01F; -webkit-box-shadow:4px 4px  
4px 4px #5AE01F; box-shadow:4px 4px 4px  
4px #5AE01F }
```

Background

The CSS property to change the background color of an element to Hex 5AE01F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AE01F }
```

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

```
.background{ background-color:#5AE01F }
```

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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