

Converting Colors

Hex(5AE03F)

Have a look what the booklet for
Hex(5AE03F) contains.

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Color

Hex(5AE03F)

Conversions

Conversions Part 1

Format	Color
Hex	5AE03F
RGB	90, 224, 63
RGB Percent	35%, 88%, 25%
CMY	0.6471, 0.1216, 0.7529
CMYK	0.60, 0.00, 0.72, 0.12
HSL	110°, 72%, 56%
HSV	110°, 72%, 88%
XYZ	31.7693, 55.8438, 13.8072
YIQ	165.5800, -28.1830, -78.4790

Conversions

Conversions Part 2

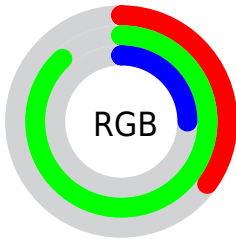
Format	Color
RYB	63, 224, 197
Decimal	5955647
CIELab	79.52, -64.75, 64.22
CIELCh	80, 91.193, 135.235
Yxy	55.8438, 0.3132, 0.5506
Android (android.graphics.Color)	4284145727 (0xFF5AE03F)
YUV	165.5800, -50.5719, -66.2837
Hunter-Lab	74.7287, -54.8899, 41.3555

Details

The Hex color **5AE03F** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **C53FE0**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **99FF78**, and **00A700** is the 20% darker color. If you saturate the color by 10%, you get **47E029**, and if you desaturate by 10%, it is **6DE055**.

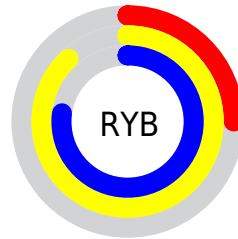
Distribution



Red (35%)

Green (88%)

Blue (25%)



Red (25%)

Yellow (88%)

Blue (77%)

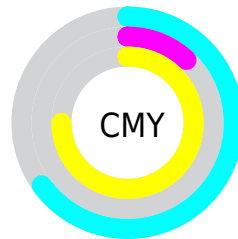


Cyan (60%)

Magenta (0%)

Yellow (72%)

Black (12%)



Cyan (65%)

Magenta (12%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AE03F 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 5AE03F by changing the saturation by 10% instead.

 5AE03F

 5AE03F

FFFFFF

 36C31E

 99FF78

 00A700

 B7FF94

 008C00

 D6FFB0

 007100

 F5FFCD

 005800

 FFFFEA

 003F00

 002700

 000000

 5AE03F

 5AE03F

 47E029

 6DE055

 35E012

 7FE06C

 26E000

 92E082

 A5E099

 B7E0AF

 CAE0C5

 DDE0DC

 EFE0F2

 FFE0FF

Harmonies

Analogous

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



C3CE00



5AE03F



00E997

Triad

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



5AE03F



00DBFF



FF6A9E

Complementary

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



5AE03F



C53FE0

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.



FF71F3



5AE03F



52C0FF

Square

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



5AE03F



00E8FF



FE99FF



FF8B4E

Rectangle

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



5AE03F



00EBD2



FE99FF



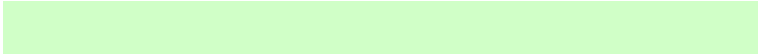
FF66BA

Sweetspot

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



5AE03F



D0FFC7



E0C23F



64805E



000000



808080

Same Dimension

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



5AE03F



48FF24



3FE072



677065



1EB000



083000

Inverse Universe

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



C53FE0



DA24FF



E03FAD



6E6570



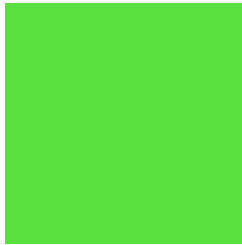
9200B0



280030

Previews

White Background



This preview shows how the Hex color 5AE03F looks on a white background.

Color Contrast Check

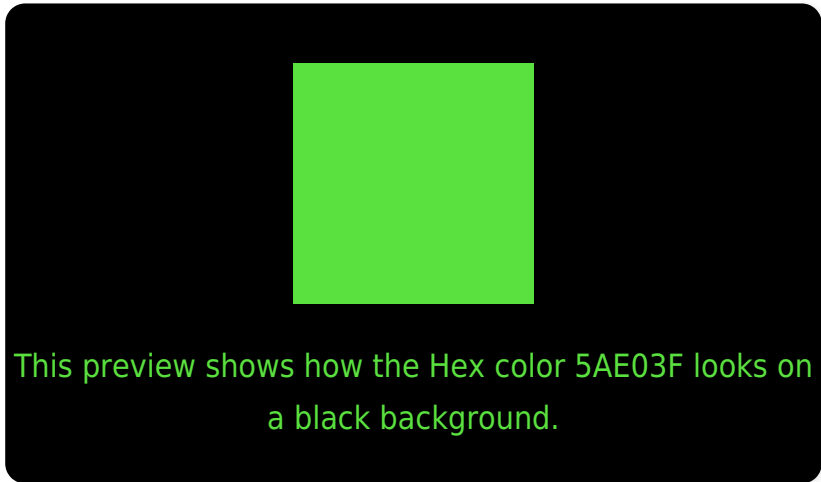
Large Text (above 18pt) WCAG AA × Fail

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

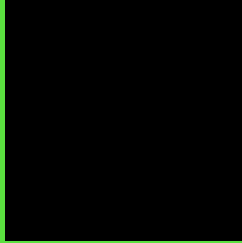
Any Text WCAG AA ✓ Pass

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 5AE03F Background



This preview shows how black text looks on a background with the Hex color 5AE03F.

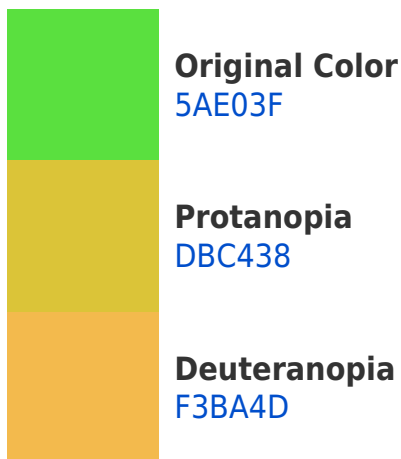


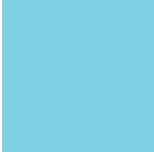
This preview shows how white text looks on a background with the Hex color 5AE03F.

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](#).

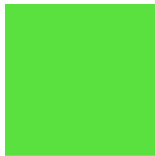
Dichromacy





Tritanopia
7DD1E2

Trichromacy



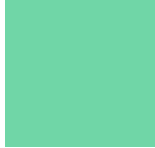
Original Color
5AE03F



Protanomaly
ACCE3B



Deuteranomaly
BBC848



Tritanomaly
70D6A7

Monochromacy



Original Color
5AE03F



Achromatopsia
A6A6A6



Achromatomaly
8ABB81

CSS Examples

Text

The CSS property to change the color of the text to Hex 5AE03F 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 #5AE03F looks like.

```
.text, #text, p{  
    color:#5AE03F  
}
```

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 #5AE03F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AE03F
}
```

Border

The CSS property to change the border of an element to Hex 5AE03F 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
#5AE03F }
```

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

```
.border{ border-color:#5AE03F }
```

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

Here you see how a box with a 4 pixel #5AE03F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AE03F; -webkit-box-shadow:4px 4px  
4px 4px #5AE03F; box-shadow:4px 4px 4px  
4px #5AE03F }
```

Background

The CSS property to change the background color of an element to Hex 5AE03F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AE03F }
```

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

```
.background{ background-color:#5AE03F }
```

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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