

Converting Colors

Hex(5AEB1D)

Have a look what the booklet for
Hex(5AEB1D) contains.

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Color

Hex(5AEB1D)

Conversions

Conversions Part 1

Format	Color
Hex	5AEB1D
RGB	90, 235, 29
RGB Percent	35%, 92%, 11%
CMY	0.6471, 0.0784, 0.8863
CMYK	0.62, 0.00, 0.88, 0.08
HSL	102°, 84%, 52%
HSV	102°, 88%, 92%
XYZ	34.1466, 61.6790, 11.2679
YIQ	168.1610, -20.2940, -94.8060

Conversions

Conversions Part 2

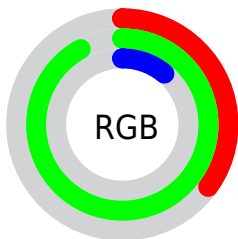
Format	Color
RYB	29, 235, 174
Decimal	5958429
CIELab	82.74, -70.17, 76.35
CIELCh	83, 103.694, 132.585
Yxy	61.6790, 0.3188, 0.5759
Android (android.graphics.Color)	4284148509 (0xFF5AEB1D)
YUV	168.1610, -68.6064, -68.5472
Hunter-Lab	78.5360, -59.8282, 46.4686

Details

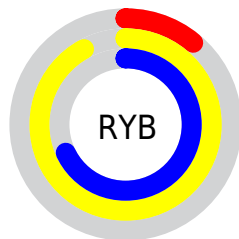
The Hex color **5AEB1D** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **AE1DEB**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **9CFF62**, and **00B200** is the 20% darker color. If you saturate the color by 10%, you get **49EB06**, and if you desaturate by 10%, it is **6BEB35**.

Distribution



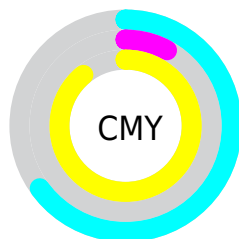
- Red (35%)
- Green (92%)
- Blue (11%)



- Red (11%)
- Yellow (92%)
- Blue (68%)



- Cyan (62%)
- Magenta (0%)
- Yellow (88%)
- Black (8%)



- Cyan (65%)
- Magenta (8%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AEB1D 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 5AEB1D by changing the saturation by 10% instead.

 5AEB1D

 5AEB1D

FFFFFF

 32CE00

 9CFF62

 00B200

 BBFF7F

 009600

 DAFF9C

 007B00

 F9FFBA

 006100

 FFFFD7

 004700

 FFFFF5

 002F00

 001100

 000000

 5AEB1D

 5AEB1D

 49EB06

 6BEB35

 46EB00

 7BEB4C

 8CEB64

 9CEB7B

 ADEB93

 BDEBAA

 CEEBC2

 DEEBD9

 EFEBF1

Harmonies

Analogous

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



D2D700



5AEB1D



00F590

Triad

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



5AEB1D



00E9FF



FF58A9

Complementary

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



5AEB1D



AE1DEB

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.



FF68FF



5AEB1D



00CCFF

Square

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



5AEB1D



00F6FF



FF9EFF



FF844C

Rectangle

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



5AEB1D



00F8D4



FF9EFF



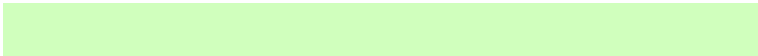
FF55CA

Sweetspot

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



5AEB1D



D0FFBD



EBAD1D



648058



000000



808080

Same Dimension

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



5AEB1D



4CFF00



1DEB46



6D756A



36B500



103600

Inverse Universe

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



AE1DEB



B300FF



EB1DC2



726A75



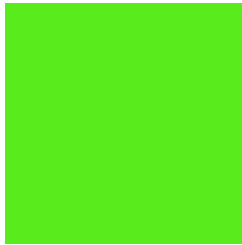
7F00B5



260036

Previews

White Background



This preview shows how the Hex color 5AEB1D looks on a white background.

Color Contrast Check

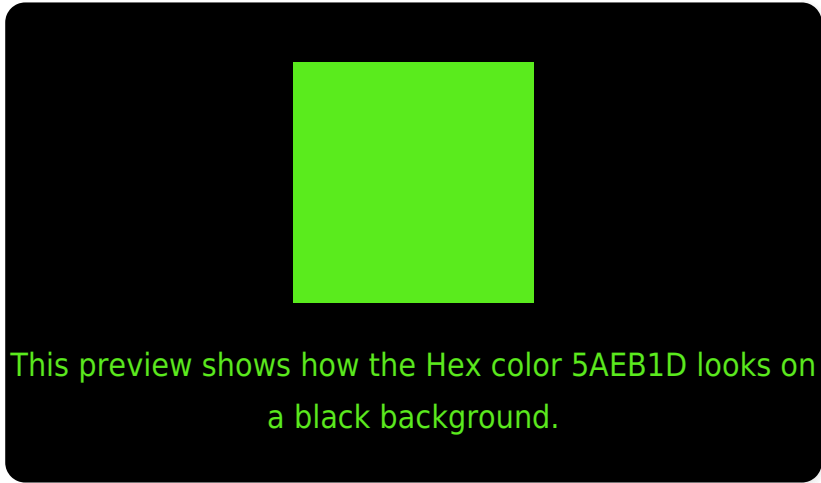
Large Text (above 18pt) WCAG AA × Fail

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

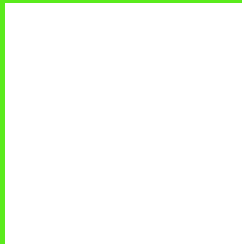
Any Text WCAG AAA ✓ Pass

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

Hex 5AEB1D Background



This preview shows how black text looks on a background with the Hex color 5AEB1D.

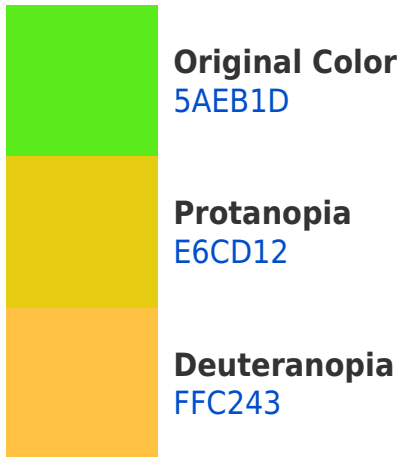


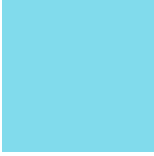
This preview shows how white text looks on a background with the Hex color 5AEB1D.

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](#).

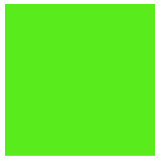
Dichromacy





Tritanopia
81DBEC

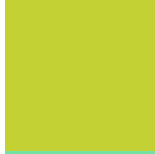
Trichromacy



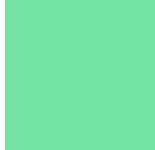
Original Color
5AEB1D



Protanomaly
B3D816



Deuteranomaly
C3D135

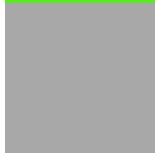


Tritanomaly
73E1A1

Monochromacy



Original Color
5AEB1D



Achromatopsia
A8A8A8



Achromatomaly
8CC075

CSS Examples

Text

The CSS property to change the color of the text to Hex 5AEB1D 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 #5AEB1D looks like.

```
.text, #text, p{  
    color:#5AEB1D  
}
```

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 #5AEB1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AEB1D
}
```

Border

The CSS property to change the border of an element to Hex 5AEB1D 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
#5AEB1D }
```

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

```
.border{ border-color:#5AEB1D }
```

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

Here you see how a box with a 4 pixel #5AEB1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AEB1D; -webkit-box-shadow:4px 4px  
4px 4px #5AEB1D; box-shadow:4px 4px 4px  
4px #5AEB1D }
```

Background

The CSS property to change the background color of an element to Hex 5AEB1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AEB1D }
```

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

```
.background{ background-color:#5AEB1D }
```

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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