

Converting Colors

Hex(1AEB6A)

Have a look what the booklet for
Hex(1AEB6A) contains.

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Color

Hex(1AEB6A)

Conversions

Conversions Part 1

Format	Color
Hex	1AEB6A
RGB	26, 235, 106
RGB Percent	10%, 92%, 42%
CMY	0.8980, 0.0784, 0.5843
CMYK	0.89, 0.00, 0.55, 0.08
HSL	143°, 84%, 51%
HSV	143°, 89%, 92%
XYZ	32.7359, 60.6769, 23.6221
YIQ	157.8030, -83.1550, -84.4270

Conversions

Conversions Part 2

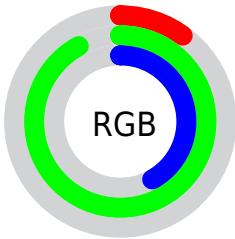
Format	Color
RYB	26, 177, 235
Decimal	1764202
CIELab	82.20, -72.81, 49.14
CIELCh	82, 87.847, 145.984
Yxy	60.6769, 0.2797, 0.5185
Android (android.graphics.Color)	4279954282 (0xFF1AEB6A)
YUV	157.8030, -25.5389, -115.5912
Hunter-Lab	77.8954, -61.3015, 36.5468

Details

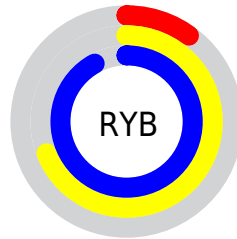
The Hex color **1AEB6A** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **EB1A9B**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **74FFA0**, and **00B135** is the 20% darker color. If you saturate the color by 10%, you get **02EB5B**, and if you desaturate by 10%, it is **32EB79**.

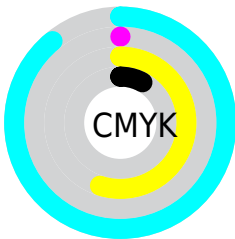
Distribution



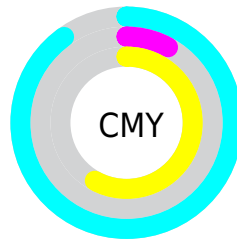
- Red (10%)
- Green (92%)
- Blue (42%)



- Red (10%)
- Yellow (69%)
- Blue (92%)



- Cyan (89%)
- Magenta (0%)
- Yellow (55%)
- Black (8%)



- Cyan (90%)
- Magenta (8%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1AEB6A 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 1AEB6A by changing the saturation by 10% instead.

 1AEB6A

 1AEB6A


FFFFFF

 00CE50

 74FFA0

 00B135

 95FFBC

 009618

 B5FFD8

 007A00

 D5FFF5

 006000

 F5FFFF

 004600

 002E00

 000E00

 000000

 1AEB6A

 1AEB6A

 02EB5B

 32EB79

 00EB5A

 49EB87

 61EB96

 78EBA4

 8FEBB3

 A7EBC1

 BFEBD0

 D6EBDE

 EEEBED

Harmonies

Analogous

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



AEDD13



1AEB6A



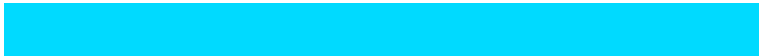
00F2BE

Triad

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



1AEB6A



00DAFF



FF8089

Complementary

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



1AEB6A



EB1A9B

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.



FF77DB



1AEB6A



B4BBFF

Square

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



1AEB6A



00EBFF



FF94FF



FFA33F

Rectangle

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



1AEB6A



00F3F8



FF94FF



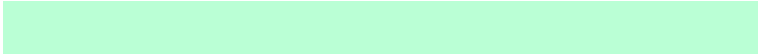
FF79A4

Sweetspot

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



1AEB6A



BAFFD5



9EEB1A



578066



000000



808080

Same Dimension

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



1AEB6A



00FF62



1AEBCF



6A756E



00B545



003614

Inverse Universe

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



EB1A9B



FF009D



EB1A36



756A71



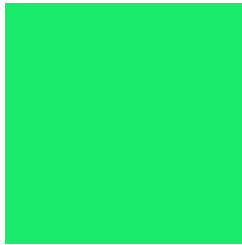
B50070



360021

Previews

White Background



This preview shows how the Hex color 1AEB6A 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



This preview shows how the Hex color 1AEB6A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

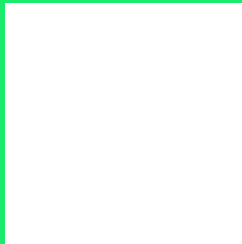
Any Text WCAG AAA ✓ Pass

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

Hex 1AEB6A Background



This preview shows how black text looks on a background with the Hex color 1AEB6A.

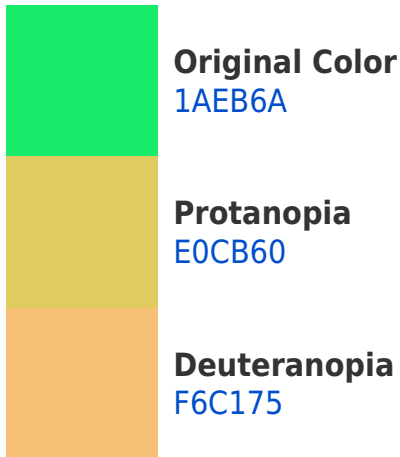


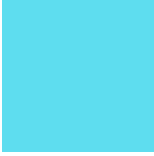
This preview shows how white text looks on a background with the Hex color 1AEB6A.

Color Blindness Simulation

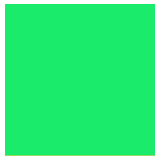
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color

1AEB6A



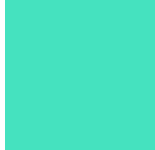
Protanomaly

98D764



Deuteranomaly

A6D071



Tritanomaly

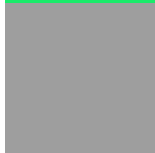
45E2BF

Monochromacy



Original Color

1AEB6A



Achromatopsia

9E9E9E



Achromatomaly

6EBA8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1AEB6A 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 #1AEB6A looks like.

```
.text, #text, p{  
    color:#1AEB6A  
}
```

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 #1AEB6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AEB6A
}
```

Border

The CSS property to change the border of an element to Hex 1AEB6A 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
#1AEB6A }
```

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

```
.border{ border-color:#1AEB6A }
```

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

Here you see how a box with a 4 pixel #1AEB6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AEB6A; -webkit-box-shadow:4px 4px  
4px 4px #1AEB6A; box-shadow:4px 4px 4px  
4px #1AEB6A }
```

Background

The CSS property to change the background color of an element to Hex 1AEB6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AEB6A }
```

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

```
.background{ background-color:#1AEB6A }
```

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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