

Converting Colors

Hex(6AE80A)

Have a look what the booklet for
Hex(6AE80A) contains.

Hex(6AE80A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6AE80A)

Conversions

Conversions Part 1

Format	Color
Hex	6AE80A
RGB	106, 232, 10
RGB Percent	42%, 91%, 4%
CMY	0.5843, 0.0902, 0.9608
CMYK	0.54, 0.00, 0.96, 0.09
HSL	94°, 92%, 47%
HSV	94°, 96%, 91%
XYZ	34.8553, 60.7993, 10.1855
YIQ	169.0180, -3.8340, -95.7540

Conversions

Conversions Part 2

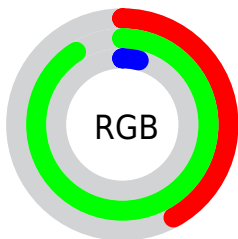
Format	Color
RYB	10, 232, 136
Decimal	7006218
CIELab	82.27, -65.69, 78.64
CIELCh	82, 102.471, 129.873
Yxy	60.7993, 0.3293, 0.5744
Android (android.graphics.Color)	4285196298 (0xFF6AE80A)
YUV	169.0180, -78.3959, -55.2668
Hunter-Lab	77.9739, -56.6627, 46.8368

Details

The Hex color **6AE80A** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **880AE8**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **A9FF5B**, and **19AF00** is the 20% darker color. If you saturate the color by 10%, you get **64E800**, and if you desaturate by 10%, it is **77E821**.

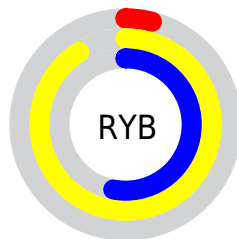
Distribution



Red (42%)

Green (91%)

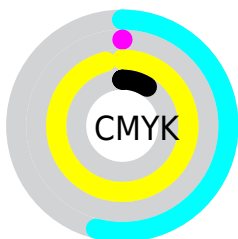
Blue (4%)



Red (4%)

Yellow (91%)

Blue (53%)

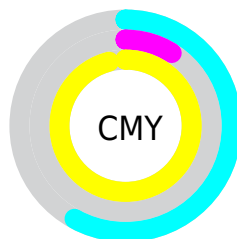


Cyan (54%)

Magenta (0%)

Yellow (96%)

Black (9%)



Cyan (58%)

Magenta (9%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AE80A 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 6AE80A by changing the saturation by 10% instead.

 6AE80A

 6AE80A


FFFFFF

 48CB00

 A9FF5B

 19AF00

 C8FF79

 009400

 E6FF96

 007900

 FFFFB3

 005F00

 FFFFD1

 004500

 FFFFEE

 002E00

 000F00

 000000

 6AE80A

 6AE80A

 64E800

 77E821

 84E838

 92E850

 9FE867

 ACE87E

 B9E895

 C6E8AC

 D3E8C4

 E1E8DB

Harmonies

Analogous

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



D9D300



6AE80A



00F386

Triad

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



6AE80A



00E9FF



FF58B1

Complementary

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



6AE80A



880AE8

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.



FF6DFF



6AE80A



00CEFF

Square

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



6AE80A



00F5FF



F5A3FF



FF7F55

Rectangle

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



6AE80A



00F6C9



F5A3FF



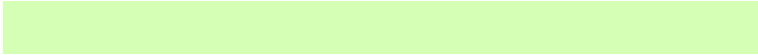
FF57D1

Sweetspot

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



6AE80A



D5FFB5



E8880A



668053



000000



808080

Same Dimension

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



6AE80A



6EFF00



0AE819



6C7367



4DB300



163300

Inverse Universe

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



880AE8



9100FF



E80AD9



6E6773



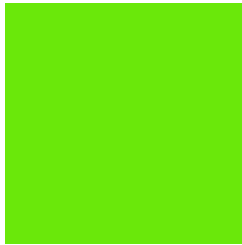
6500B3



1D0033

Previews

White Background



This preview shows how the Hex color 6AE80A looks on a white background.

Color Contrast Check

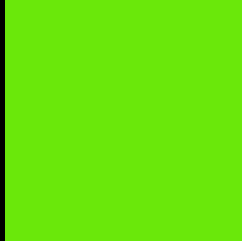
Large Text (above 18pt) WCAG AA × Fail

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 6AE80A 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 6AE80A Background



This preview shows how black text looks on a background with the Hex color 6AE80A.

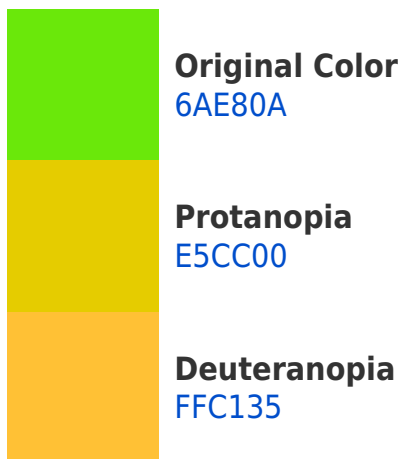


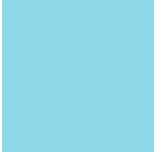
This preview shows how white text looks on a background with the Hex color 6AE80A.

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](#).

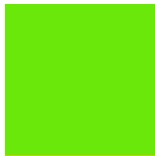
Dichromacy





Tritanopia
8CD8E9

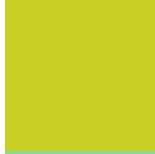
Trichromacy



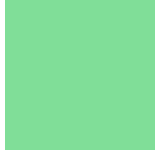
Original Color
6AE80A



Protanomaly
B8D604



Deuteranomaly
C9CF25



Tritanomaly
80DE98

Monochromacy



Original Color
6AE80A



Achromatopsia
A9A9A9



Achromatomaly
92C06F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AE80A 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 #6AE80A looks like.

```
.text, #text, p{  
    color:#6AE80A  
}
```

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 #6AE80A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AE80A
}
```

Border

The CSS property to change the border of an element to Hex 6AE80A 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
#6AE80A }
```

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

```
.border{ border-color:#6AE80A }
```

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

Here you see how a box with a 4 pixel #6AE80A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AE80A; -webkit-box-shadow:4px 4px  
4px 4px #6AE80A; box-shadow:4px 4px 4px  
4px #6AE80A }
```

Background

The CSS property to change the background color of an element to Hex 6AE80A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AE80A }
```

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

```
.background{ background-color:#6AE80A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor