

Converting Colors

Hex(A7EF5B)

Have a look what the booklet for
Hex(A7EF5B) contains.

| | |
|--|----|
| Hex(A7EF5B) | 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(A7EF5B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A7EF5B |
| RGB | 167, 239, 91 |
| RGB Percent | 65%, 94%, 36% |
| CMY | 0.3451, 0.0627, 0.6431 |
| CMYK | 0.30, 0.00, 0.62, 0.06 |
| HSL | 89°, 82%, 65% |
| HSV | 89°, 62%, 94% |
| XYZ | 48.6912, 70.7038, 20.9784 |
| YIQ | 200.6000, 4.5960, -61.2920 |

Conversions

Conversions Part 2

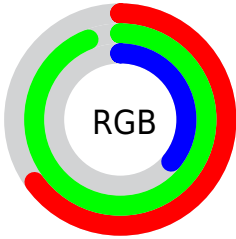
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 91, 239, 163 |
| Decimal | 11005787 |
| CIELab | 87.34, -45.36, 62.66 |
| CIElCh | 87, 77.356, 125.901 |
| Yxy | 70.7038, 0.3469, 0.5037 |
| Android (android.graphics.Color) | 4289195867 (0xFFA7EF5B) |
| YUV | 200.6000, -54.0328, -29.4672 |
| Hunter-Lab | 84.0856, -43.7863, 44.0677 |

Details

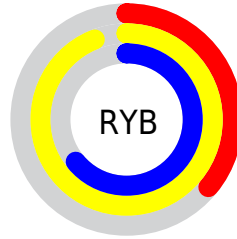
The Hex color **A7EF5B** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **A35BEF**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **E1FF92**, and **6EB71F** is the 20% darker color. If you saturate the color by 10%, you get **9BEF43**, and if you desaturate by 10%, it is **B3EF73**.

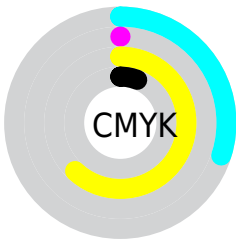
Distribution



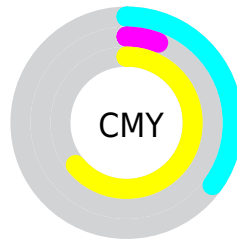
- Red (65%)
- Green (94%)
- Blue (36%)



- Red (36%)
- Yellow (94%)
- Blue (64%)



- Cyan (30%)
- Magenta (0%)
- Yellow (62%)
- Black (6%)



- Cyan (35%)
- Magenta (6%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color A7EF5B 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 A7EF5B by changing the saturation by 10% instead.

 A7EF5B

 A7EF5B

FFFFFF

 8AD23F

 E1FF92

 6EB71F

 FFFFAE

 519B00

 FFFFCB

 338100

 FFFFEB

 0F6700

 004E00

 003700

 002100

 000000

 A7EF5B

 A7EF5B

 9BEF43

 B3EF73

 90EF2B

 BEEF8B

 84EF13

 CAEFA3

 7BEF00

 D6EFBB

 E1EFD3

 EDEFEA

 F8EFFF

 FFEFFF

Harmonies

Analogous

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



F4DC39



A7EF5B



00FA9C

Triad

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



A7EF5B



00F2FF



FF96CF

Complementary

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



A7EF5B



A35BEF

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.



FFA3FF



A7EF5B



51DEFF

Square

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



A7EF5B



00FCFF



F1C1FF



FFA489

Rectangle

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



A7EF5B



00FECE



F1C1FF



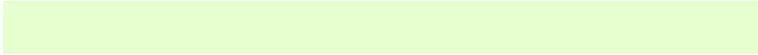
FF97E8

Sweetspot

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



A7EF5B



E7FFCF



EFA35B



718062



000000



808080

Same Dimension

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



A7EF5B



A3FF42



5DEF5B



72786C



5EB800



1D3800

Inverse Universe

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



A35BEF



9E42FF



ED5BEF



726C78



5900B8



1B0038

Previews

White Background



This preview shows how the Hex color A7EF5B looks on a white background.

Color Contrast Check

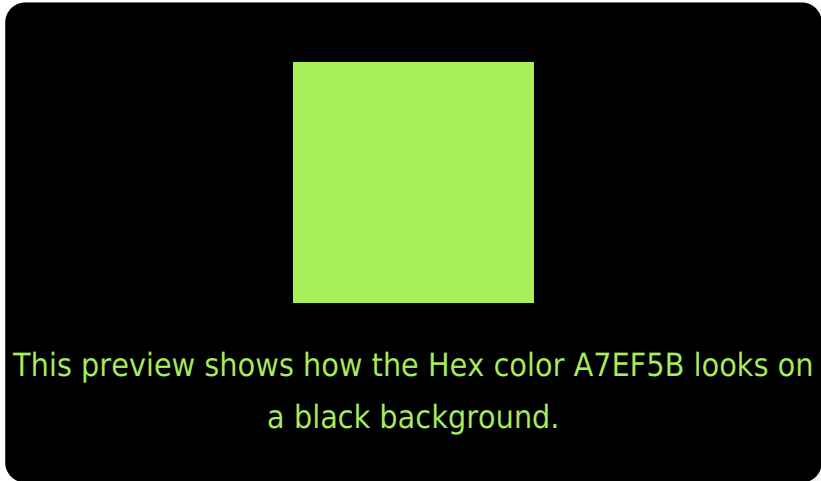
Large Text (above 18pt) WCAG AA × Fail

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 A7EF5B Background



This preview shows how black text looks on a background with the Hex color A7EF5B.

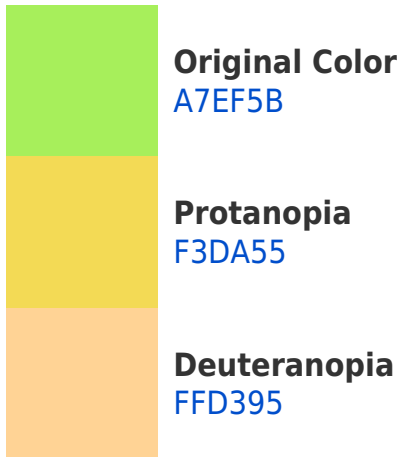


This preview shows how white text looks on a background with the Hex color A7EF5B.

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

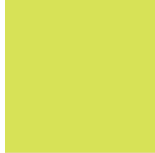


Trichromacy



Original Color

A7EF5B



Protanomaly

D7E257



Deuteranomaly

DFDD80



Tritanomaly

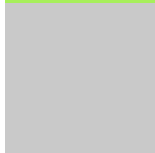
B4E5BB

Monochromacy



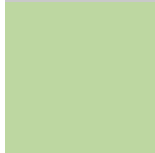
Original Color

A7EF5B



Achromatopsia

C9C9C9



Achromatomaly

BDD7A1

CSS Examples

Text

The CSS property to change the color of the text to Hex A7EF5B 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 #A7EF5B looks like.

```
.text, #text, p{  
    color:#A7EF5B  
}
```

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 #A7EF5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7EF5B
}
```

Border

The CSS property to change the border of an element to Hex A7EF5B 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
#A7EF5B }
```

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

```
.border{ border-color:#A7EF5B }
```

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

Here you see how a box with a 4 pixel #A7EF5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7EF5B; -webkit-box-shadow:4px 4px  
4px 4px #A7EF5B; box-shadow:4px 4px 4px  
4px #A7EF5B }
```

Background

The CSS property to change the background color of an element to Hex A7EF5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7EF5B }
```

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

```
.background{ background-color:#A7EF5B }
```

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