

Converting Colors

Hex(A7E358)

Have a look what the booklet for
Hex(A7E358) contains.

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Color

Hex(A7E358)

Conversions

Conversions Part 1

Format	Color
Hex	A7E358
RGB	167, 227, 88
RGB Percent	65%, 89%, 35%
CMY	0.3451, 0.1098, 0.6549
CMYK	0.26, 0.00, 0.61, 0.11
HSL	86°, 71%, 62%
HSV	86°, 61%, 89%
XYZ	45.1669, 63.8582, 19.1778
YIQ	193.2140, 8.8590, -55.9490

Conversions

Conversions Part 2

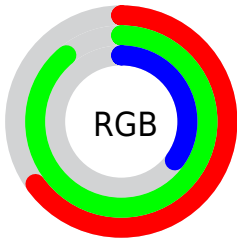
Format	Color
RYB	88, 227, 148
Decimal	11002712
CIELab	83.89, -40.39, 60.12
CIELCh	84, 72.426, 123.895
Yxy	63.8582, 0.3523, 0.4981
Android (android.graphics.Color)	4289192792 (0xFFA7E358)
YUV	193.2140, -51.8705, -22.9897
Hunter-Lab	79.9114, -38.9545, 41.7090

Details

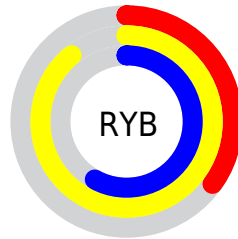
The Hex color **A7E358** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **9458E3**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **E1FF8F**, and **6FAB1D** is the 20% darker color. If you saturate the color by 10%, you get **9DE341**, and if you desaturate by 10%, it is **B1E36F**.

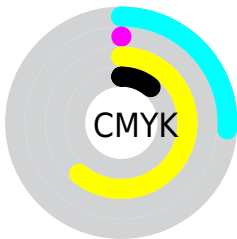
Distribution



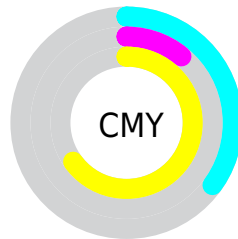
- Red (65%)
- Green (89%)
- Blue (35%)



- Red (35%)
- Yellow (89%)
- Blue (58%)



- Cyan (26%)
- Magenta (0%)
- Yellow (61%)
- Black (11%)



- Cyan (35%)
- Magenta (11%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color A7E358 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 A7E358 by changing the saturation by 10% instead.

 A7E358

 A7E358

FFFFFF

 8BC73C

 E1FF8F

 6FAB1D

 FFFFAB

 539000

 FFFFC7

 367600

 FFFF E4

 185D00

 004500

 002E00

 001600

 000000

 A7E358

 A7E358

 9DE341

 B1E36F

 93E32B

 BBE385

 8AE314

 C4E39C

 81E300

 CEE3B3

 D8E3CA

 E2E3E0

 ECE3F7

 F5E3FF

 FFE3FF

Harmonies

Analogous

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



EDD13D



A7E358



34EE92

Triad

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



A7E358



00E8FF



FF92CB

Complementary

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



A7E358



9458E3

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.



FF9FFF



A7E358



46D6FF

Square

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



A7E358



00F1FF



DFBBFF



FF9E89

Rectangle

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



A7E358



00F1C0



DFBBFF



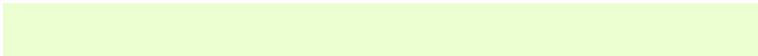
FF94E2

Sweetspot

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



A7E358



EBFFD1



E39258



738063



000000



808080

Same Dimension

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



A7E358



AFFF45



64E358



6E7367



65B300



1D3300

Inverse Universe

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



9458E3



9545FF



D758E3



6C6773



4D00B3



160033

Previews

White Background



This preview shows how the Hex color A7E358 looks on a white background.

Color Contrast Check

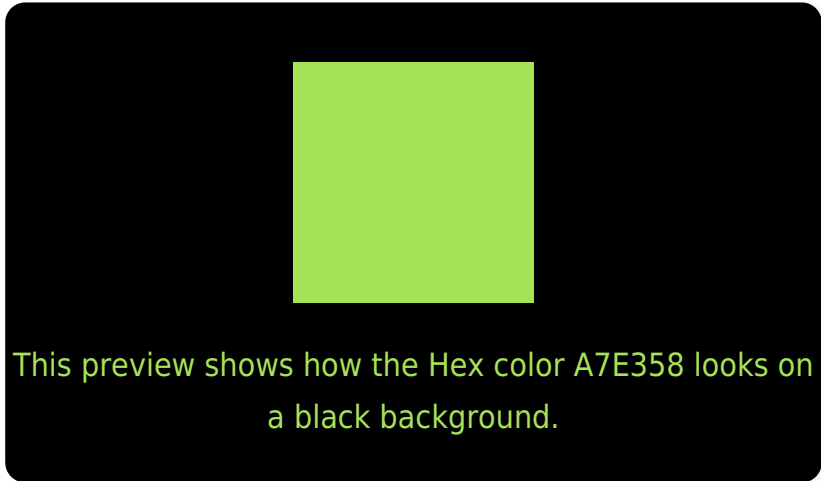
Large Text (above 18pt) WCAG AA × Fail

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 A7E358 Background



This preview shows how black text looks on a background with the Hex color A7E358.

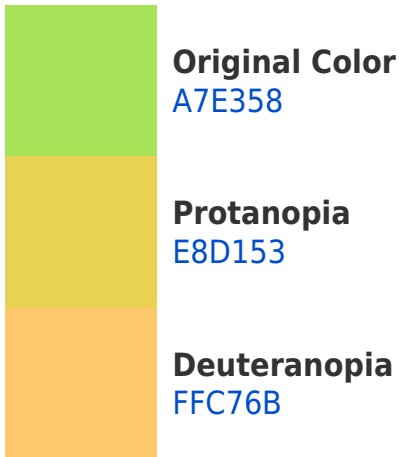


This preview shows how white text looks on a background with the Hex color A7E358.

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](#).

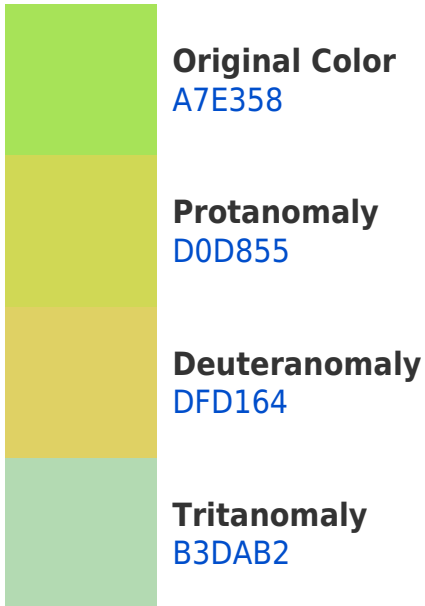
Dichromacy



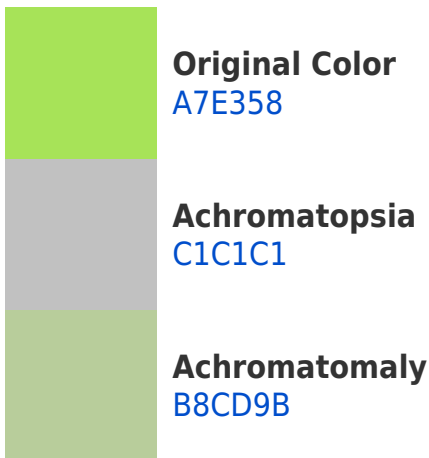


Tritanopia
BAD5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A7E358 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 #A7E358 looks like.

```
.text, #text, p{  
    color:#A7E358  
}
```

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 #A7E358 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7E358  
}
```

Border

The CSS property to change the border of an element to Hex A7E358 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  
#A7E358 }
```

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

```
.border{ border-color:#A7E358 }
```

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

Here you see how a box with a 4 pixel #A7E358 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7E358; -webkit-box-shadow:4px 4px  
4px 4px #A7E358; box-shadow:4px 4px 4px  
4px #A7E358 }
```

Background

The CSS property to change the background color of an element to Hex A7E358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7E358 }
```

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

```
.background{ background-color:#A7E358 }
```

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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