

Converting Colors

Hex(A6E371)

Have a look what the booklet for
Hex(A6E371) contains.

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Color

Hex(A6E371)

Conversions

Conversions Part 1

Format	Color
Hex	A6E371
RGB	166, 227, 113
RGB Percent	65%, 89%, 44%
CMY	0.3490, 0.1098, 0.5569
CMYK	0.27, 0.00, 0.50, 0.11
HSL	92°, 67%, 67%
HSV	92°, 50%, 89%
XYZ	46.1756, 64.2374, 25.5881
YIQ	195.7650, 0.2380, -48.3860

Conversions

Conversions Part 2

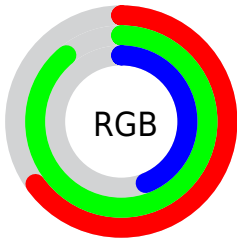
Format	Color
RYB	113, 227, 174
Decimal	10937201
CIELab	84.09, -38.36, 49.15
CIELCh	84, 62.343, 127.971
Yxy	64.2374, 0.3395, 0.4723
Android (android.graphics.Color)	4289127281 (0xFFA6E371)
YUV	195.7650, -40.8031, -26.1039
Hunter-Lab	80.1482, -37.4207, 37.1748

Details

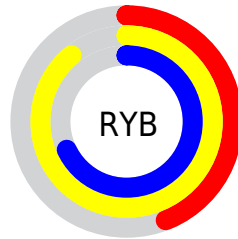
The Hex color **A6E371** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **AE71E3**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **DFFFA7**, and **6FAB3D** is the 20% darker color. If you saturate the color by 10%, you get **9AE35A**, and if you desaturate by 10%, it is **B2E388**.

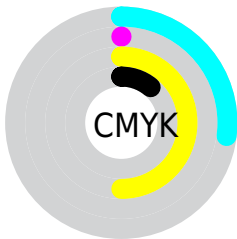
Distribution



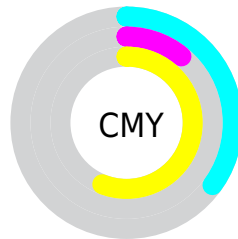
- Red (65%)
- Green (89%)
- Blue (44%)



- Red (44%)
- Yellow (89%)
- Blue (68%)



- Cyan (27%)
- Magenta (0%)
- Yellow (50%)
- Black (11%)



- Cyan (35%)
- Magenta (11%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6E371 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 A6E371 by changing the saturation by 10% instead.

 A6E371

 A6E371

FFFFFF

 8AC757

 DFFFA7

 6FAB3D

 FDFFC3

 549022

 FFFFE0

 387600

FFFFFFD

 1B5D00

 004500

 002E00

 001700

 000000

 A6E371

 A6E371

 9AE35A

 B2E388

 8EE344

 BEE39E

 82E32D

 CAE3B5

 75E316

 D7E3CC

 6AE300

 E3E3E3

 EFE3F9

 FBE3FF

 FFE3FF

Harmonies

Analogous

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



E5D458



A6E371



4CECA3

Triad

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



A6E371



00E4FF



FF9FC4

Complementary

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



A6E371



AE71E3

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.



FFA7FF



A6E371



86D3FF

Square

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



A6E371



00EDFF



EBBCFF



FFAA8C

Rectangle

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



A6E371



00EFCC



EBBCFF



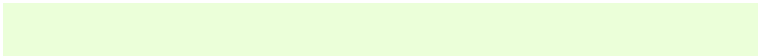
FF9FD8

Sweetspot

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



A6E371



EBFFD9



E3AE71



738069



000000



808080

Same Dimension

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



A6E371



ADFF66



71E375



6D7367



53B300



183300

Inverse Universe

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



AE71E3



B866FF



E371DF



6D6773



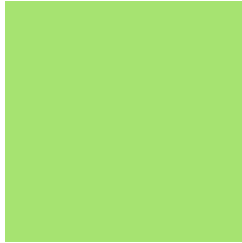
6000B3



1B0033

Previews

White Background



This preview shows how the Hex color A6E371 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 A6E371 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 A6E371 Background



This preview shows how black text looks on a background with the Hex color A6E371.

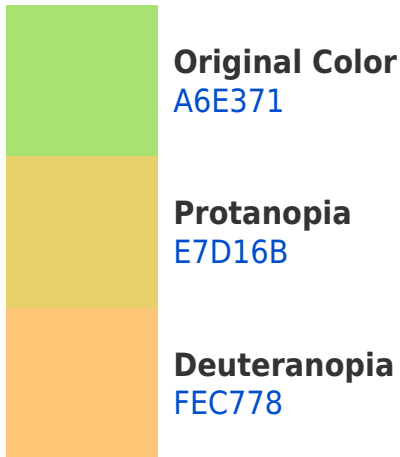


This preview shows how white text looks on a background with the Hex color A6E371.

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](#).

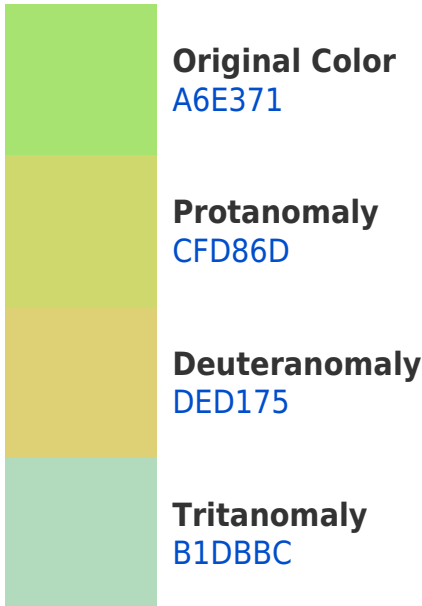
Dichromacy



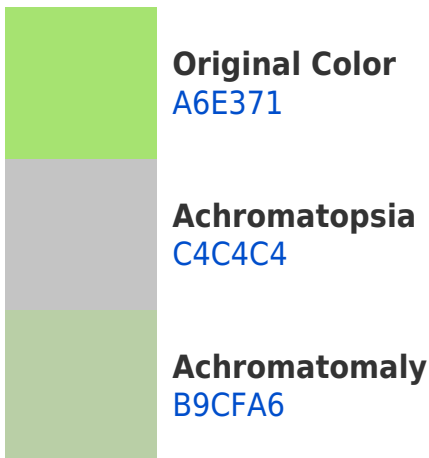


Tritanopia
B7D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6E371 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 #A6E371 looks like.

```
.text, #text, p{  
    color:#A6E371  
}
```

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 #A6E371 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6E371  
}
```

Border

The CSS property to change the border of an element to Hex A6E371 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  
#A6E371 }
```

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

```
.border{ border-color:#A6E371 }
```

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

Here you see how a box with a 4 pixel #A6E371 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6E371; -webkit-box-shadow:4px 4px  
4px 4px #A6E371; box-shadow:4px 4px 4px  
4px #A6E371 }
```

Background

The CSS property to change the background color of an element to Hex A6E371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6E371 }
```

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

```
.background{ background-color:#A6E371 }
```

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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