

Converting Colors

Hex(A6E740)

Have a look what the booklet for
Hex(A6E740) contains.

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Color

Hex(A6E740)

Conversions

Conversions Part 1

Format	Color
Hex	A6E740
RGB	166, 231, 64
RGB Percent	65%, 91%, 25%
CMY	0.3490, 0.0941, 0.7490
CMYK	0.28, 0.00, 0.72, 0.09
HSL	83°, 78%, 58%
HSV	83°, 72%, 91%
XYZ	45.2272, 65.6290, 15.1344
YIQ	192.5270, 14.8670, -65.7170

Conversions

Conversions Part 2

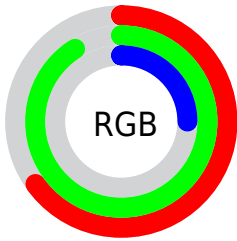
Format	Color
RYB	64, 231, 129
Decimal	10938176
CIELab	84.81, -44.16, 70.20
CIELCh	85, 82.937, 122.171
Yxy	65.6290, 0.3590, 0.5209
Android (android.graphics.Color)	4289128256 (0xFFA6E740)
YUV	192.5270, -63.3638, -23.2642
Hunter-Lab	81.0117, -42.1175, 45.6318

Details

The Hex color **A6E740** is a light color, and the websafe version is hex **99CC00**. The color can be described as light muted chartreuse. A complement of this color would be **8140E7**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **E1FF7A**, and **6CAF00** is the 20% darker color. If you saturate the color by 10%, you get **9DE729**, and if you desaturate by 10%, it is **AFE757**.

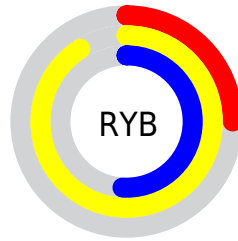
Distribution



Red (65%)

Green (91%)

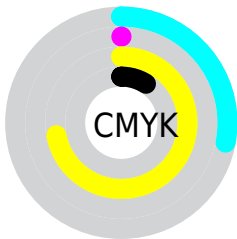
Blue (25%)



Red (25%)

Yellow (91%)

Blue (51%)

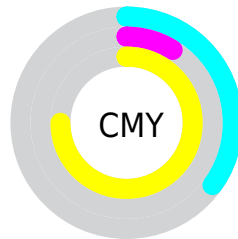


Cyan (28%)

Magenta (0%)

Yellow (72%)

Black (9%)



Cyan (35%)

Magenta (9%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6E740 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 A6E740 by changing the saturation by 10% instead.

 A6E740

 A6E740

FFFFFF

 89CB1D


 E1FF7A

 6CAF00


 FFFF96

 509400

 FFFFB3

 317A00

 FFFFFD0

 086000

 FFFFFED

 004800

 003100

 001900

 000000

 A6E740

 A6E740

 9DE729

 AFE757

 94E712

 B8E76E

 8DE700

 C1E785

 CAE79C

 D3E7B3

 DCE7CB

 E5E7E2

 EEE7F9

 F7E7FF

Harmonies

Analogous

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



F6D216



A6E740



00F387

Triad

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



A6E740



00EFFF



FF86D1

Complementary

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



A6E740



8140E7

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.



FF99FF



A6E740



00DBFF

Square

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



A6E740



00F7FF



DBBCFF



FF9485

Rectangle

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



A6E740



00F7BC



DBBCFF



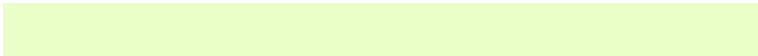
FF89EC

Sweetspot

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



A6E740



E9FFC7



E78040



73805E



000000



808080

Same Dimension

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



A6E740



A9FF21



53E740



6E7367



6DB300



1F3300

Inverse Universe

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



8140E7



7721FF



D440E7



6C6773



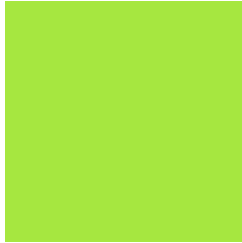
4500B3



140033

Previews

White Background



This preview shows how the Hex color A6E740 looks on a white background.

Color Contrast Check

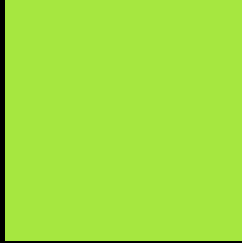
Large Text (above 18pt) WCAG AA × Fail

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 A6E740 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 A6E740 Background



This preview shows how black text looks on a background with the Hex color A6E740.

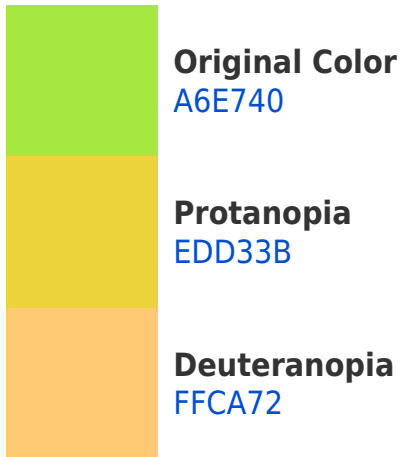


This preview shows how white text looks on a background with the Hex color A6E740.

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
BBD8E9

Trichromacy



Original Color
A6E740



Protanomaly
D3DA3D



Deuteranomaly
DFD560

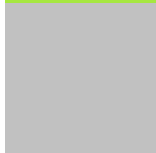


Tritanomaly
B3DDAC

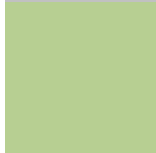
Monochromacy



Original Color
A6E740



Achromatopsia
C1C1C1



Achromatomaly
B7CF92

CSS Examples

Text

The CSS property to change the color of the text to Hex A6E740 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 #A6E740 looks like.

```
.text, #text, p{  
    color:#A6E740  
}
```

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 #A6E740 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6E740
}
```

Border

The CSS property to change the border of an element to Hex A6E740 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
#A6E740 }
```

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

```
.border{ border-color:#A6E740 }
```

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

Here you see how a box with a 4 pixel #A6E740 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6E740; -webkit-box-shadow:4px 4px  
4px 4px #A6E740; box-shadow:4px 4px 4px  
4px #A6E740 }
```

Background

The CSS property to change the background color of an element to Hex A6E740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6E740 }
```

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

```
.background{ background-color:#A6E740 }
```

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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