

Converting Colors

Hex(A6E643)

Have a look what the booklet for
Hex(A6E643) contains.

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Color

Hex(A6E643)

Conversions

Conversions Part 1

Format	Color
Hex	A6E643
RGB	166, 230, 67
RGB Percent	65%, 90%, 26%
CMY	0.3490, 0.0980, 0.7373
CMYK	0.28, 0.00, 0.71, 0.10
HSL	84°, 77%, 58%
HSV	84°, 71%, 90%
XYZ	45.0358, 65.1059, 15.5032
YIQ	192.2820, 14.1790, -64.2610

Conversions

Conversions Part 2

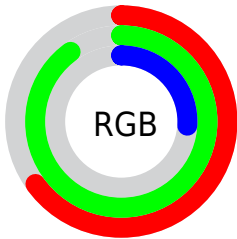
Format	Color
RYB	67, 230, 131
Decimal	10937923
CIELab	84.54, -43.55, 68.91
CIELCh	85, 81.516, 122.296
Yxy	65.1059, 0.3584, 0.5182
Android (android.graphics.Color)	4289128003 (0xFFA6E643)
YUV	192.2820, -61.7640, -23.0493
Hunter-Lab	80.6882, -41.5753, 45.0899

Details

The Hex color **A6E643** 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 **8343E6**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **E1FF7C**, and **6DAE00** is the 20% darker color. If you saturate the color by 10%, you get **9DE62C**, and if you desaturate by 10%, it is **AFE65A**.

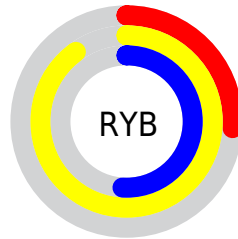
Distribution



Red (65%)

Green (90%)

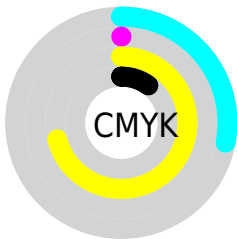
Blue (26%)



Red (26%)

Yellow (90%)

Blue (51%)

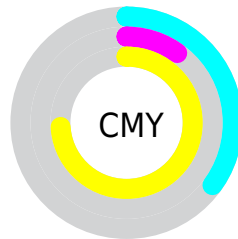


Cyan (28%)

Magenta (0%)

Yellow (71%)

Black (10%)



Cyan (35%)

Magenta (10%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6E643 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 A6E643 by changing the saturation by 10% instead.

 A6E643

 A6E643

FFFFFF

 89CA22

 E1FF7C

 6DAE00

 FFFF99

 509300

 FFFFB5

 327900

 FFFF D2

 0B6000

 FFFF EF

 004700

 003000

 001800

 000000

 A6E643

 A6E643

 9DE62C

 AFE65A

 94E615

 B8E671

 8CE600

 C1E688

 CAE69F

 D3E6B6

 DCE6CD

 E5E6E4

 EEE6FB

 F7E6FF

Harmonies

Analogous

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



F4D11D



A6E643



00F288

Triad

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



A6E643



00EDFF



FF87D0

Complementary

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



A6E643



8343E6

Split Complementary

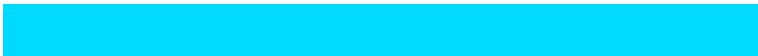
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF9AFF



A6E643



00DAFF

Square

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



A6E643



00F6FF



DBBCFF



FF9585

Rectangle

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



A6E643



00F6BC



DBBCFF



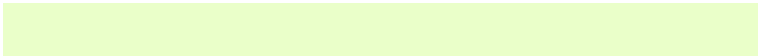
FF8AEA

Sweetspot

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



A6E643



EAFFC9



E68143



738060



000000



808080

Same Dimension

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



A6E643



AAFF26



56E643



6E7367



6CB300



1F3300

Inverse Universe

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



8343E6



7B26FF



D343E6



6C6773



4600B3



140033

Previews

White Background



This preview shows how the Hex color A6E643 looks on a white background.

Color Contrast Check

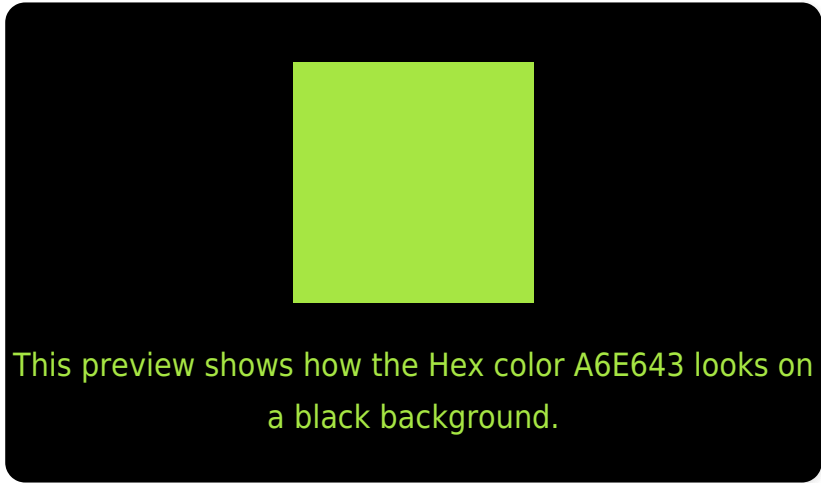
Large Text (above 18pt) WCAG AA × Fail

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 A6E643 Background



This preview shows how black text looks on a background with the Hex color A6E643.

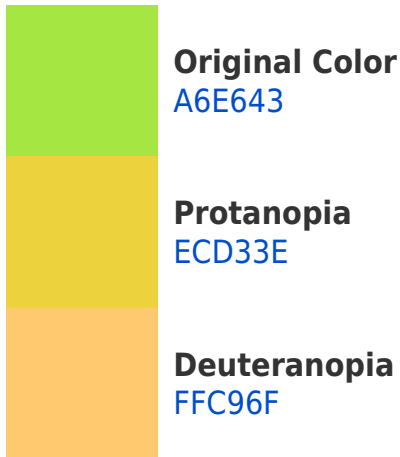


This preview shows how white text looks on a background with the Hex color A6E643.

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
BAD7E8

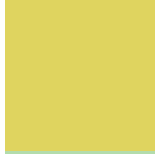
Trichromacy



Original Color
A6E643



Protanomaly
D3DA40



Deuteranomaly
DFD45F

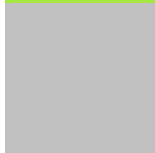


Tritanomaly
B3DCAC

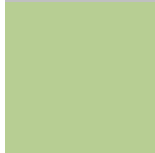
Monochromacy



Original Color
A6E643



Achromatopsia
C0C0C0



Achromatomaly
B7CE93

CSS Examples

Text

The CSS property to change the color of the text to Hex A6E643 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 #A6E643 looks like.

```
.text, #text, p{  
    color:#A6E643  
}
```

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 #A6E643 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6E643  
}
```

Border

The CSS property to change the border of an element to Hex A6E643 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  
#A6E643 }
```

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

```
.border{ border-color:#A6E643 }
```

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

Here you see how a box with a 4 pixel #A6E643 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6E643; -webkit-box-shadow:4px 4px  
4px 4px #A6E643; box-shadow:4px 4px 4px  
4px #A6E643 }
```

Background

The CSS property to change the background color of an element to Hex A6E643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6E643 }
```

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

```
.background{ background-color:#A6E643 }
```

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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