

Converting Colors

Hex(A6E245)

Have a look what the booklet for
Hex(A6E245) contains.

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Color

Hex(A6E245)

Conversions

Conversions Part 1

Format	Color
Hex	A6E245
RGB	166, 226, 69
RGB Percent	65%, 89%, 27%
CMY	0.3490, 0.1137, 0.7294
CMYK	0.27, 0.00, 0.69, 0.11
HSL	83°, 73%, 58%
HSV	83°, 69%, 89%
XYZ	43.9964, 62.9294, 15.4580
YIQ	190.1620, 14.6370, -61.5470

Conversions

Conversions Part 2

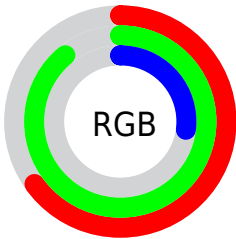
Format	Color
RYB	69, 226, 129
Decimal	10936901
CIELab	83.41, -41.69, 67.05
CIELCh	83, 78.958, 121.872
Yxy	62.9294, 0.3595, 0.5142
Android (android.graphics.Color)	4289126981 (0xFFA6E245)
YUV	190.1620, -59.7329, -21.1901
Hunter-Lab	79.3280, -39.8255, 43.9763

Details

The Hex color **A6E245** 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 **8145E2**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **E1FF7E**, and **6DAA00** is the 20% darker color. If you saturate the color by 10%, you get **9DE22E**, and if you desaturate by 10%, it is **AFE25C**.

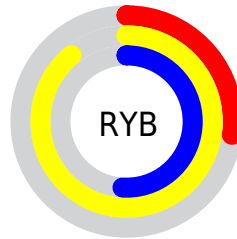
Distribution



Red (65%)

Green (89%)

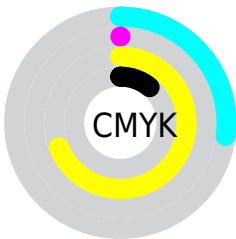
Blue (27%)



Red (27%)

Yellow (89%)

Blue (51%)

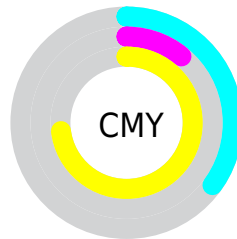


Cyan (27%)

Magenta (0%)

Yellow (69%)

Black (11%)



Cyan (35%)

Magenta (11%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6E245 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 A6E245 by changing the saturation by 10% instead.

 A6E245

 A6E245

FFFFFF

 89C625

 E1FF7E

 6DAA00

 FEFF9A

 519000

 FFFFB6

 337600

 FFFFFD3

 105C00

 FFFFF0

 004400

 002D00

 001400

 000000

 A6E245

 A6E245

 9DE22E

 AFE25C

 95E218

 B7E272

 8CE201

 C0E289

 8CE200

 C9E29F

 D1E2B6

 DAE2CD

 E2E2E3

 EBE2FA

 F4E2FF

Harmonies

Analogous

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



F1CE25



A6E245



15EE86

Triad

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



A6E245



00E9FF



FF88CE

Complementary

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



A6E245



8145E2

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



A6E245



00D7FF

Square

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



A6E245



00F2FF



D6BAFF



FF9486

Rectangle

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



A6E245



00F2B8



D6BAFF



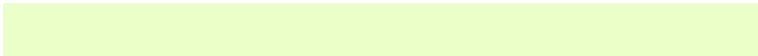
FF8BE7

Sweetspot

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



A6E245



EBFFC9



E27F45



738060



000000



808080

Same Dimension

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



A6E245



AEFF2B



5AE245



6C7065



6DB000



1E3000

Inverse Universe

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



8145E2



7C2BFF



CD45E2



696570



4300B0



130030

Previews

White Background



This preview shows how the Hex color A6E245 looks on a white background.

Color Contrast Check

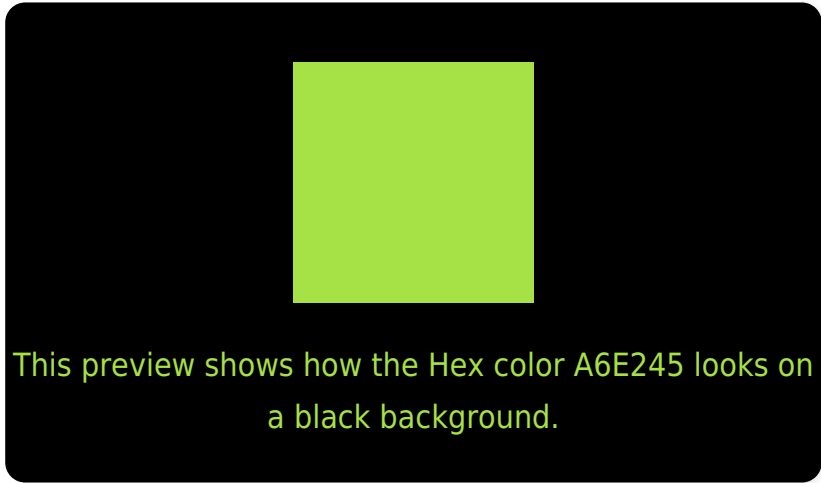
Large Text (above 18pt) WCAG AA × Fail

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 A6E245 Background



This preview shows how black text looks on a background with the Hex color A6E245.

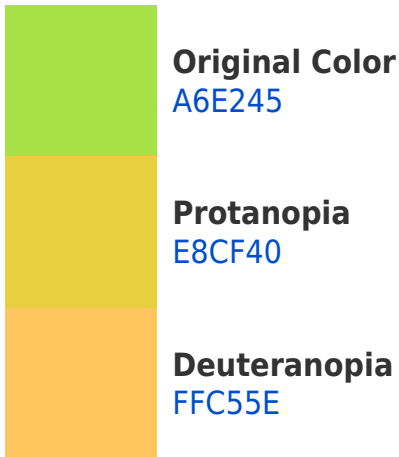


This preview shows how white text looks on a background with the Hex color A6E245.

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
B9D3E4

Trichromacy



Original Color
A6E245



Protanomaly
D0D642



Deuteranomaly
DFD055



Tritanomaly
B2D8AA

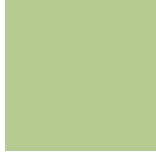
Monochromacy



Original Color
A6E245



Achromatopsia
BEBEBE



Achromatomaly
B5CB92

CSS Examples

Text

The CSS property to change the color of the text to Hex A6E245 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 #A6E245 looks like.

```
.text, #text, p{  
    color:#A6E245  
}
```

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 #A6E245 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6E245
}
```

Border

The CSS property to change the border of an element to Hex A6E245 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
#A6E245 }
```

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

```
.border{ border-color:#A6E245 }
```

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

Here you see how a box with a 4 pixel #A6E245 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6E245; -webkit-box-shadow:4px 4px  
4px 4px #A6E245; box-shadow:4px 4px 4px  
4px #A6E245 }
```

Background

The CSS property to change the background color of an element to Hex A6E245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6E245 }
```

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

```
.background{ background-color:#A6E245 }
```

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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