

Converting Colors

Hex(A6E261)

Have a look what the booklet for
Hex(A6E261) contains.

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Color

Hex(A6E261)

Conversions

Conversions Part 1

Format	Color
Hex	A6E261
RGB	166, 226, 97
RGB Percent	65%, 89%, 38%
CMY	0.3490, 0.1137, 0.6196
CMYK	0.27, 0.00, 0.57, 0.11
HSL	88°, 69%, 63%
HSV	88°, 57%, 89%
XYZ	45.0799, 63.3628, 21.1635
YIQ	193.3540, 5.6490, -52.8390

Conversions

Conversions Part 2

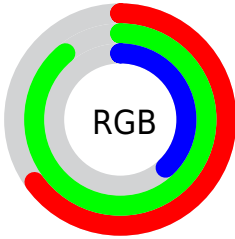
Format	Color
RYB	97, 226, 157
Decimal	10936929
CIELab	83.63, -39.52, 55.93
CIELCh	84, 68.484, 125.248
Yxy	63.3628, 0.3478, 0.4889
Android (android.graphics.Color)	4289127009 (0xFFA6E261)
YUV	193.3540, -47.5025, -23.9895
Hunter-Lab	79.6007, -38.2122, 39.9570

Details

The Hex color **A6E261** is a light color, and the websafe version is hex **99CC33**. A complement of this color would be **9D61E2**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **E0FF97**, and **6EAA2A** is the 20% darker color. If you saturate the color by 10%, you get **9BE24A**, and if you desaturate by 10%, it is **B1E278**.

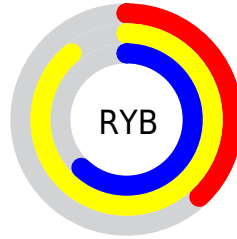
Distribution



Red (65%)

Green (89%)

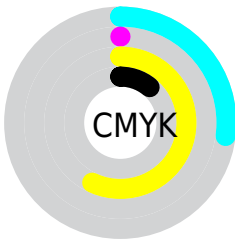
Blue (38%)



Red (38%)

Yellow (89%)

Blue (62%)

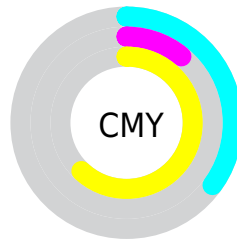


Cyan (27%)

Magenta (0%)

Yellow (57%)

Black (11%)



Cyan (35%)

Magenta (11%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6E261 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 A6E261 by changing the saturation by 10% instead.

 A6E261

 A6E261

FFFFFF

 8AC646

 E0FF97

 6EAA2A

 FDFFB3

 539004

 FFFFD0

 377600

 FFFFED

 195C00

 004400

 002D00

 001500


 000000

 A6E261

 A6E261

 9BE24A

 B1E278

 91E234

 BBE28E

 86E21D

 C6E2A5

 7CE207

 D0E2BB

 79E200

 DBE2D2

 E5E2E9

 F0E2FF

 FAE2FF

 FFE2FF

Harmonies

Analogous

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



E9D147



A6E261



3EEC98

Triad

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



A6E261



00E5FF



FF96C8

Complementary

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



A6E261



9D61E2

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.



FFA1FF



A6E261



64D4FF

Square

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



A6E261



00EEFF



E3BBFF



FFA289

Rectangle

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



A6E261



00F0C4



E3BBFF



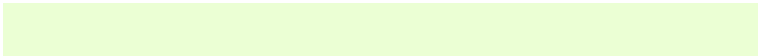
FF98DE

Sweetspot

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



A6E261



EBFFD4



E29B61



748066



000000



808080

Same Dimension

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



A6E261



AEFF52



67E261



6B7065



5EB000



1A3000

Inverse Universe

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



9D61E2



A252FF



DC61E2



6A6570



5200B0



170030

Previews

White Background



This preview shows how the Hex color A6E261 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 A6E261 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 A6E261 Background



This preview shows how black text looks on a background with the Hex color A6E261.

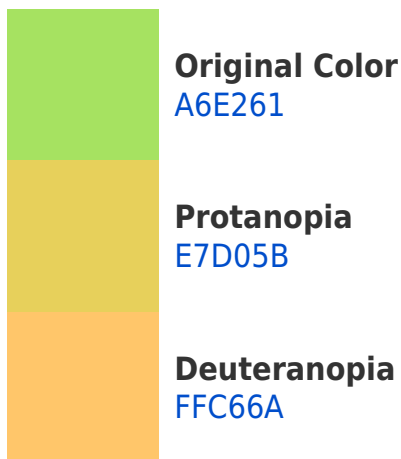


This preview shows how white text looks on a background with the Hex color A6E261.

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](#).

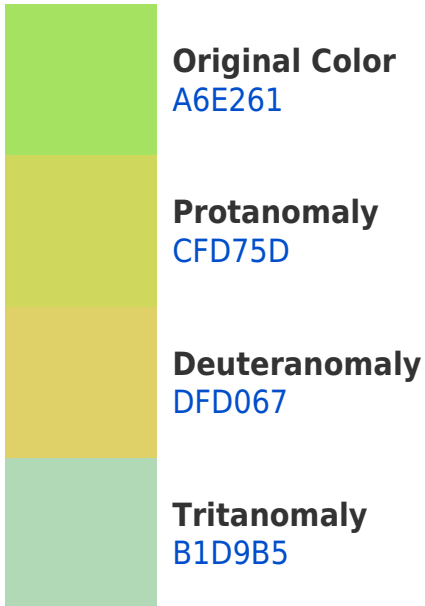
Dichromacy



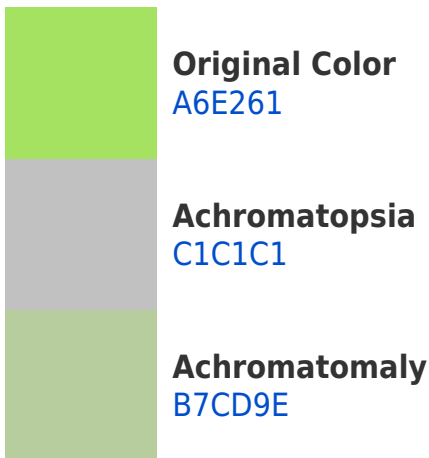


Tritanopia
B8D4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6E261 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 #A6E261 looks like.

```
.text, #text, p{  
    color:#A6E261  
}
```

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 #A6E261 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6E261
}
```

Border

The CSS property to change the border of an element to Hex A6E261 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
#A6E261 }
```

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

```
.border{ border-color:#A6E261 }
```

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

Here you see how a box with a 4 pixel #A6E261 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6E261; -webkit-box-shadow:4px 4px  
4px 4px #A6E261; box-shadow:4px 4px 4px  
4px #A6E261 }
```

Background

The CSS property to change the background color of an element to Hex A6E261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6E261 }
```

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

```
.background{ background-color:#A6E261 }
```

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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