

Converting Colors

Hex(A1E271)

Have a look what the booklet for
Hex(A1E271) contains.

Hex(A1E271)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A1E271)

Conversions

Conversions Part 1

Format	Color
Hex	A1E271
RGB	161, 226, 113
RGB Percent	63%, 89%, 44%
CMY	0.3686, 0.1137, 0.5569
CMYK	0.29, 0.00, 0.50, 0.11
HSL	95°, 66%, 66%
HSV	95°, 50%, 89%
XYZ	44.8749, 63.1620, 25.4491
YIQ	193.6830, -2.4670, -48.9230

Conversions

Conversions Part 2

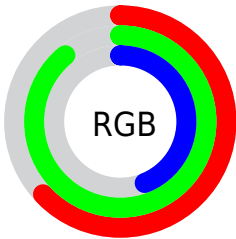
Format	Color
RYB	113, 226, 178
Decimal	10609265
CIELab	83.53, -39.66, 48.40
CIELCh	84, 62.576, 129.332
Yxy	63.1620, 0.3362, 0.4732
Android (android.graphics.Color)	4288799345 (0xFFA1E271)
YUV	193.6830, -39.7767, -28.6630
Hunter-Lab	79.4745, -38.2913, 36.6465

Details

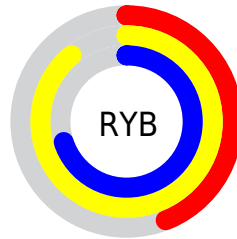
The Hex color **A1E271** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B271E2**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **DAFFA7**, and **6AAA3D** is the 20% darker color. If you saturate the color by 10%, you get **94E25A**, and if you desaturate by 10%, it is **AEE288**.

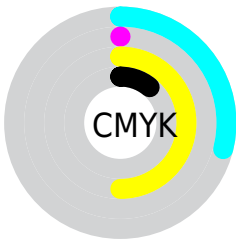
Distribution



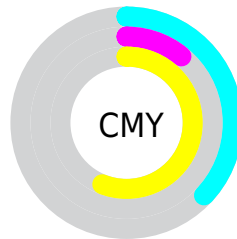
- Red (63%)
- Green (89%)
- Blue (44%)



- Red (44%)
- Yellow (89%)
- Blue (70%)



- Cyan (29%)
- Magenta (0%)
- Yellow (50%)
- Black (11%)



- Cyan (37%)
- Magenta (11%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color A1E271 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 A1E271 by changing the saturation by 10% instead.

 A1E271

 A1E271

FFFFFF

 85C657

 DAFFA7

 6AAA3D


 F7FFC3

 4F8F22

 FFFFDF

 337500

 FFFFFC

 135C00

 004400

 002D00

 001500

 000000

 A1E271

 A1E271

 94E25A

 AEE288

 87E244

 BBE29E

 7AE22D

 C8E2B5

 6DE217

 D5E2CB

 60E200

 E2E2E2

 EFE2F9

 FCE2FF

 FFE2FF

Harmonies

Analogous

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



E1D356



A1E271



42EBA4

Triad

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



A1E271



00E2FF



FF9DC0

Complementary

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



A1E271



B271E2

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.



FFA4FB



A1E271



8AD0FF

Square

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



A1E271



00EBFF



EDB9FF



FFA988

Rectangle

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



A1E271



00EDCD



EDB9FF



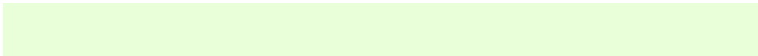
FF9DD4

Sweetspot

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



A1E271



E9FFD9



E2B171



728069



000000



808080

Same Dimension

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



A1E271



A7FF66



71E279



6A7065



4BB000



153000

Inverse Universe

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



B271E2



BE66FF



E271DA



6B6570



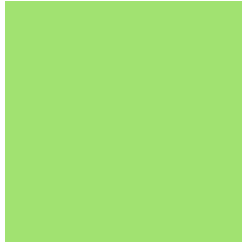
6500B0



1C0030

Previews

White Background



This preview shows how the Hex color A1E271 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 A1E271 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 A1E271 Background



This preview shows how black text looks on a background with the Hex color A1E271.

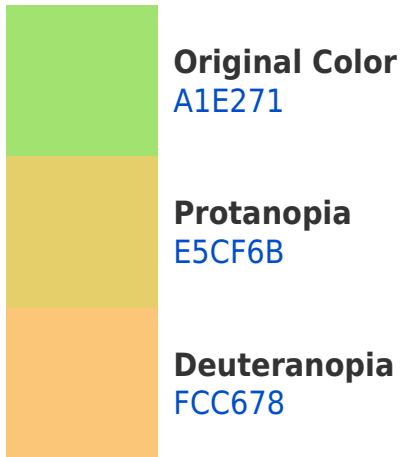


This preview shows how white text looks on a background with the Hex color A1E271.

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](#).

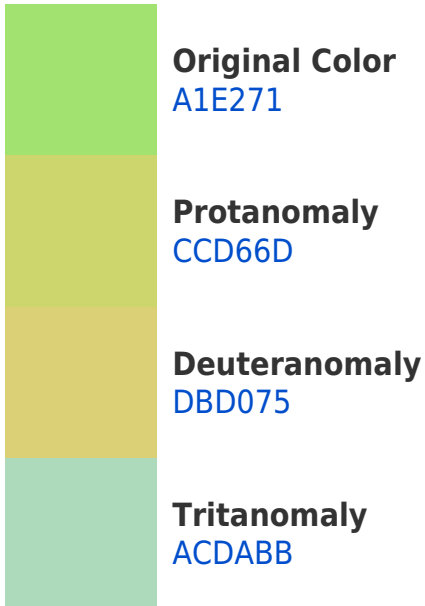
Dichromacy



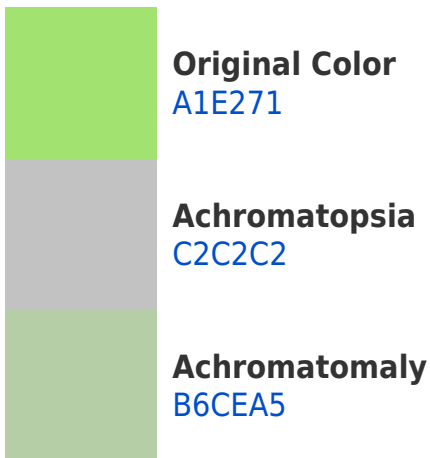


Tritanopia
B3D5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A1E271 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 #A1E271 looks like.

```
.text, #text, p{  
    color:#A1E271  
}
```

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 #A1E271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1E271
}
```

Border

The CSS property to change the border of an element to Hex A1E271 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
#A1E271 }
```

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

```
.border{ border-color:#A1E271 }
```

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

Here you see how a box with a 4 pixel #A1E271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1E271; -webkit-box-shadow:4px 4px  
4px 4px #A1E271; box-shadow:4px 4px 4px  
4px #A1E271 }
```

Background

The CSS property to change the background color of an element to Hex A1E271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1E271 }
```

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

```
.background{ background-color:#A1E271 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor