

Converting Colors

Hex(A1E283)

Have a look what the booklet for
Hex(A1E283) contains.

Hex(A1E283)	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(A1E283)

Conversions

Conversions Part 1

Format	Color
Hex	A1E283
RGB	161, 226, 131
RGB Percent	63%, 89%, 51%
CMY	0.3686, 0.1137, 0.4863
CMYK	0.29, 0.00, 0.42, 0.11
HSL	101°, 62%, 70%
HSV	101°, 42%, 89%
XYZ	45.9910, 63.6085, 31.3264
YIQ	195.7350, -8.2450, -43.3250

Conversions

Conversions Part 2

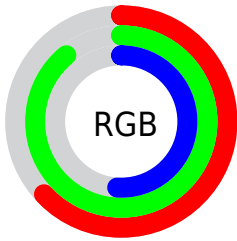
Format	Color
RYB	131, 226, 196
Decimal	10609283
CIELab	83.76, -37.47, 39.97
CIELCh	84, 54.786, 133.150
Yxy	63.6085, 0.3263, 0.4514
Android (android.graphics.Color)	4288799363 (0xFFA1E283)
YUV	195.7350, -31.9144, -30.4626
Hunter-Lab	79.7549, -36.6383, 32.5403

Details

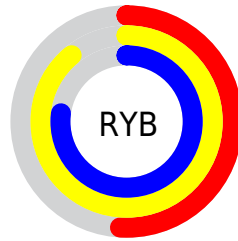
The Hex color **A1E283** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C483E2**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **DAFFB9**, and **6BAA50** is the 20% darker color. If you saturate the color by 10%, you get **92E26C**, and if you desaturate by 10%, it is **B0E29A**.

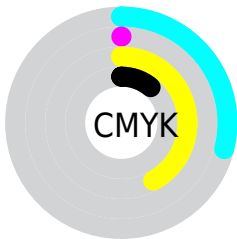
Distribution



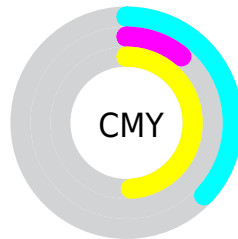
- Red (63%)
- Green (89%)
- Blue (51%)



- Red (51%)
- Yellow (89%)
- Blue (77%)



- Cyan (29%)
- Magenta (0%)
- Yellow (42%)
- Black (11%)



- Cyan (37%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color A1E283 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 A1E283 by changing the saturation by 10% instead.

 A1E283

 A1E283

FFFFFF

 86C669

 DAFFB9


 6BAA50

 F7FFD5

 508F37

 FFFFF2

 35751E

 175C00

 004400

 002D00

 001600

 000000

 A1E283

 A1E283

 92E26C

 B0E29A

 82E256

 C0E2B0

 73E23F

 CFE2C7

 63E229

 DFE2DD

 54E212

 EEE2F4

 47E200

 FEE2FF

 FFE2FF

Harmonies

Analogous

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



DAD569



A1E283



55E9B1

Triad

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



A1E283



10DEFF



FFA7BC

Complementary

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



A1E283



C483E2

Split Complementary

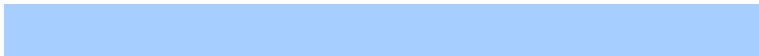
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFAAF0



A1E283



A6CEFF

Square

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



A1E283



00E8FF



F3BBFF



FFB18D

Rectangle

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



A1E283



00EBD5



F3BBFF



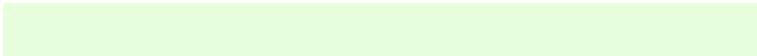
FFA6CD

Sweetspot

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



A1E283



E8FFDE



E2C483



72806B



000000



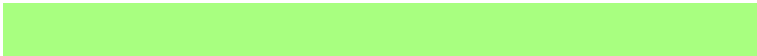
808080

Same Dimension

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



A1E283



A8FF80



83E294



697065



38B000



0F3000

Inverse Universe

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



C483E2



D780FF



E283D1



6D6570



7800B0



210030

Previews

White Background



This preview shows how the Hex color A1E283 looks on a white background.

Color Contrast Check

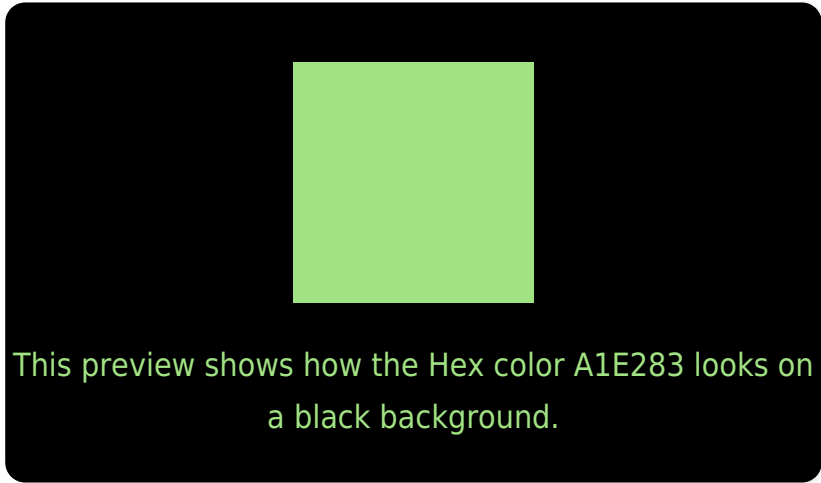
Large Text (above 18pt) WCAG AA × Fail

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 A1E283 Background



This preview shows how black text looks on a background with the Hex color A1E283.

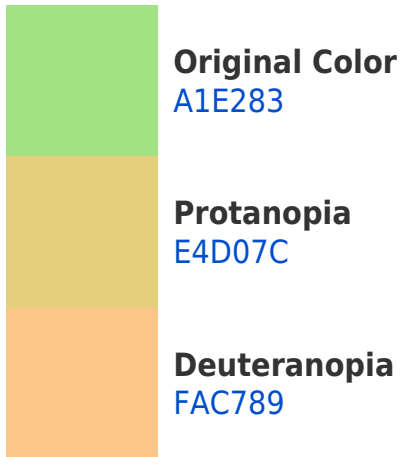


This preview shows how white text looks on a background with the Hex color A1E283.

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](#).

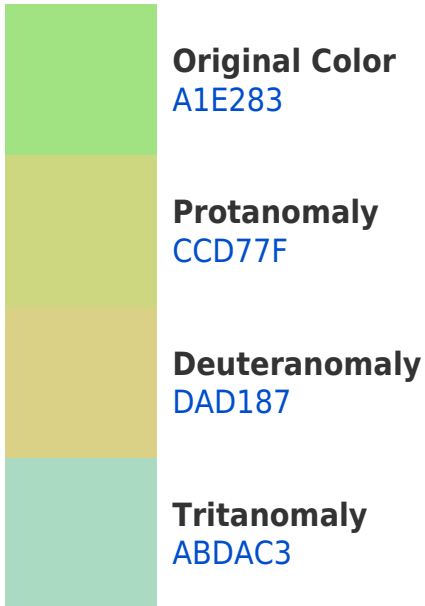
Dichromacy



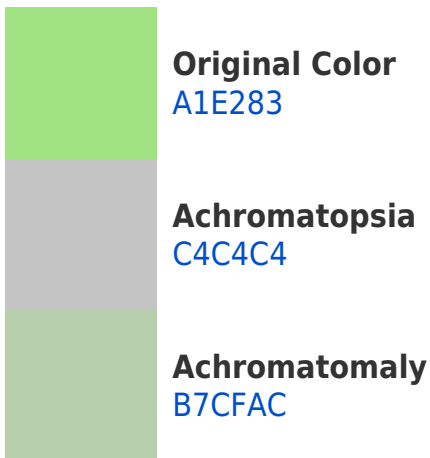


Tritanopia
B1D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A1E283 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 #A1E283 looks like.

```
.text, #text, p{  
    color:#A1E283  
}
```

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 #A1E283 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1E283
}
```

Border

The CSS property to change the border of an element to Hex A1E283 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
#A1E283 }
```

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

```
.border{ border-color:#A1E283 }
```

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

Here you see how a box with a 4 pixel #A1E283 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1E283; -webkit-box-shadow:4px 4px  
4px 4px #A1E283; box-shadow:4px 4px 4px  
4px #A1E283 }
```

Background

The CSS property to change the background color of an element to Hex A1E283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1E283 }
```

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

```
.background{ background-color:#A1E283 }
```

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