

# Converting Colors

Hex(A2E295)

Have a look what the booklet for  
Hex(A2E295) contains.

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# **Color**

**Hex(A2E295)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2E295
RGB	162, 226, 149
RGB Percent	64%, 89%, 58%
CMY	0.3647, 0.1137, 0.4157
CMYK	0.28, 0.00, 0.34, 0.11
HSL	110°, 57%, 74%
HSV	110°, 34%, 89%
XYZ	47.5215, 64.2440, 38.3295
YIQ	198.0860, -13.4270, -37.5150

# Conversions

## Conversions Part 2

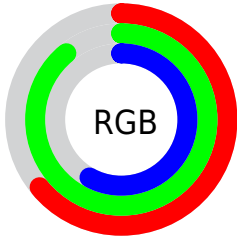
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 226, 213
Decimal	10674837
CIELab	84.09, -34.59, 31.36
CIElCh	84, 46.687, 137.807
Yxy	64.2440, 0.3166, 0.4280
Android (android.graphics.Color)	4288864917 (0xFFA2E295)
YUV	198.0860, -24.1994, -31.6474
Hunter-Lab	80.1524, -34.4359, 27.7537

# Details

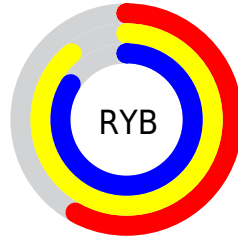
The Hex color **A2E295** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D595E2**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **DAFFCC**, and **6CAA61** is the 20% darker color. If you saturate the color by 10%, you get **8FE27E**, and if you desaturate by 10%, it is **B5E2AC**.

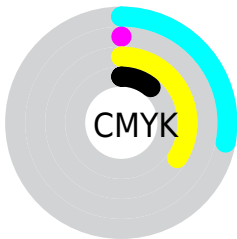
# Distribution



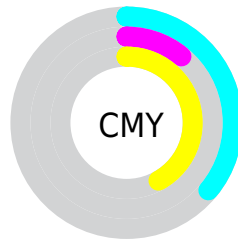
- Red (64%)
- Green (89%)
- Blue (58%)



- Red (58%)
- Yellow (89%)
- Blue (84%)



- Cyan (28%)
- Magenta (0%)
- Yellow (34%)
- Black (11%)



- Cyan (36%)
- Magenta (11%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2E295 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 A2E295 by changing the saturation by 10% instead.



 A2E295

FFFFFF

 DAFFCC

 F7FFE8

 A2E295

 87C67B

 6CAA61

 529049

 387631

 1C5C1A

 004401

 002D00

 001700

 000000

 A2E295

 A2E295

 8FE27E

 B5E2AC

 7CE268

 C8E2C2

 6AE251

 DAE2D9

 57E23B

 EDE2EF

 44E224

 FFE2FF

 31E20D

 26E200

# Harmonies

## Analogous

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



D4D77C



A2E295



67E8BE

# Triad

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



A2E295



6DDBFF



FFB0B9

# Complementary

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



A2E295



D595E2

# 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.



FFB1E6



A2E295



BCCDFF

# Square

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



A2E295



00E5FF



F7BDF7



FFBA92

# Rectangle

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



A2E295



32E9DC



F7BDFE



FFAFC8

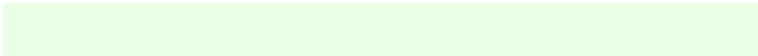


# Sweetspot

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



A2E295



EAFFE6



E2D495



738070



000000



808080

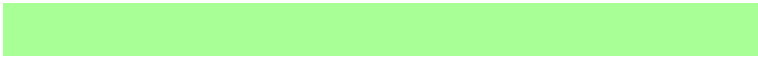


# Same Dimension

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



A2E295



A8FF96



95E2AD



677065



1EB000



083000



# Inverse Universe

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



D595E2



ED96FF



E295CA



6E6570



9200B0

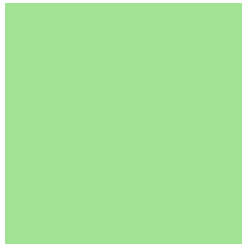


280030



# Previews

## White Background



This preview shows how the Hex color A2E295 looks on a white background.

## Color Contrast Check

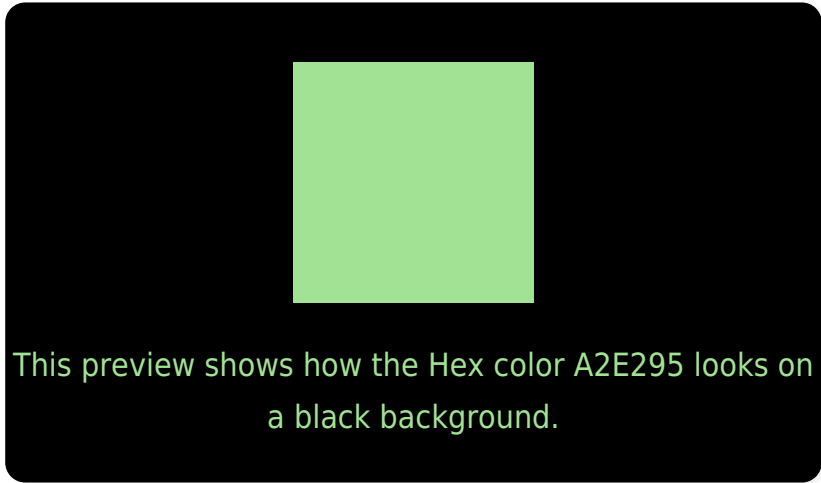
Large Text (above 18pt) WCAG AA × Fail

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

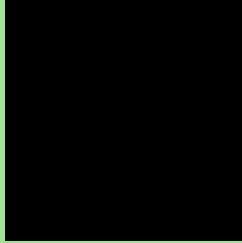
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A2E295 Background



This preview shows how black text looks on a background with the Hex color A2E295.

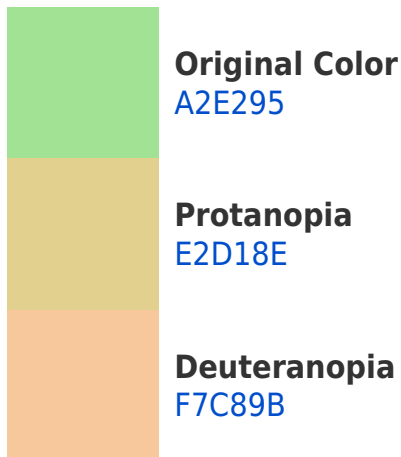


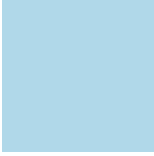
This preview shows how white text looks on a background with the Hex color A2E295.

# 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](#).

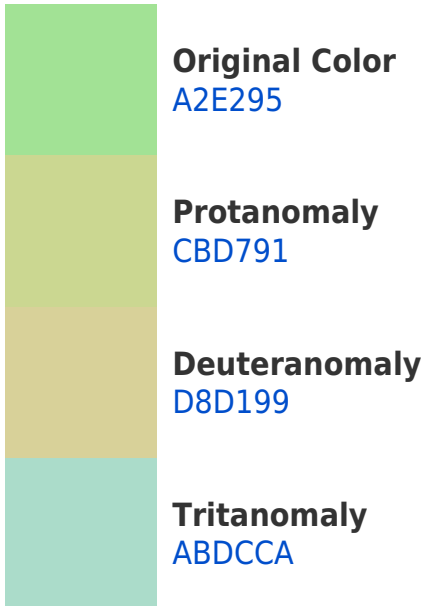
## Dichromacy



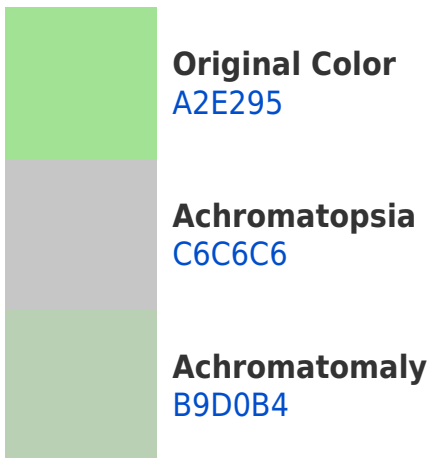


**Tritanopia**  
B0D8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2E295 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 #A2E295 looks like.

```
.text, #text, p{  
    color:#A2E295  
}
```

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 #A2E295 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2E295
}
```

## Border

The CSS property to change the border of an element to Hex A2E295 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
#A2E295 }
```

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

```
.border{ border-color:#A2E295 }
```

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

Here you see how a box with a 4 pixel #A2E295 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2E295; -webkit-box-shadow:4px 4px  
4px 4px #A2E295; box-shadow:4px 4px 4px  
4px #A2E295 }
```

# Background

The CSS property to change the background color of an element to Hex A2E295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2E295 }
```

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

```
.background{ background-color:#A2E295 }
```

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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