

# Converting Colors

Hex(A2E294)

Have a look what the booklet for  
Hex(A2E294) contains.

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# **Color**

**Hex(A2E294)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2E294
RGB	162, 226, 148
RGB Percent	64%, 89%, 58%
CMY	0.3647, 0.1137, 0.4196
CMYK	0.28, 0.00, 0.35, 0.11
HSL	109°, 57%, 73%
HSV	109°, 35%, 89%
XYZ	47.4419, 64.2122, 37.9107
YIQ	197.9720, -13.1060, -37.8260

# Conversions

## Conversions Part 2

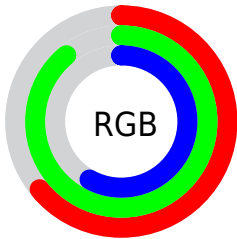
Format	Color
<a href="#">RYB</a>	<a href="#">148, 226, 212</a>
Decimal	<a href="#">10674836</a>
CIELab	<a href="#">84.08, -34.74, 31.84</a>
CIELCh	<a href="#">84, 47.126, 137.490</a>
Yxy	<a href="#">64.2122, 0.3172, 0.4293</a>
Android (android.graphics.Color)	<a href="#">4288864916</a> ( <a href="#">0xFFA2E294</a> )
YUV	<a href="#">197.9720, -24.6362, -31.5474</a>
Hunter-Lab	<a href="#">80.1325, -34.5521, 28.0427</a>

# Details

The Hex color **A2E294** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **D494E2**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **DAFFCB**, and **6CAA60** is the 20% darker color. If you saturate the color by 10%, you get **8FE27D**, and if you desaturate by 10%, it is **B5E2AB**.

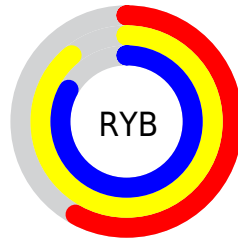
# Distribution



Red (64%)

Green (89%)

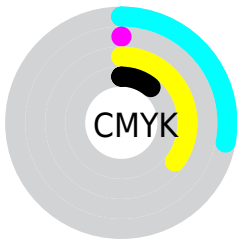
Blue (58%)



Red (58%)

Yellow (89%)

Blue (83%)

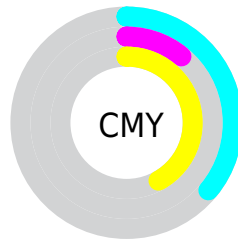


Cyan (28%)

Magenta (0%)

Yellow (35%)

Black (11%)



Cyan (36%)

Magenta (11%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2E294 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 A2E294 by changing the saturation by 10% instead.





A2E294



A2E294

FFFFFF



87C67A



DAFFCB



6CAA60



F7FFE7



529048



387630



1C5C18



004400



002D00



001700



000000

 A2E294

 A2E294

 8FE27D

 B5E2AB

 7DE267

 C7E2C1

 6AE250

 DAE2D8

 58E23A

 ECE2EE

 45E223

 FFE2FF

 33E20C

 29E200

# Harmonies

## Analogous

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



D4D77B



A2E294



66E8BD

# Triad

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



A2E294



6ADCFF



FFAFB9

# Complementary

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



A2E294



D494E2

# 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



A2E294



BACDFF

# Square

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



A2E294



00E5FF



F7BDFD



FFB992

# Rectangle

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



A2E294



2FE9DC



F7BDFF



FFAEC8

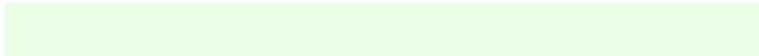


# Sweetspot

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



A2E294



EAFFE6



E2D494



738070



000000



808080

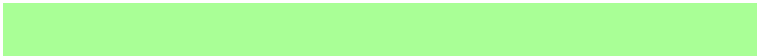


# Same Dimension

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



A2E294



A9FF96



94E2AD



677065



20B000



093000



# Inverse Universe

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



D494E2



EC96FF



E294C9



6E6570



9000B0



280030



# Previews

## White Background



This preview shows how the Hex color A2E294 looks on a white background.

## Color Contrast Check

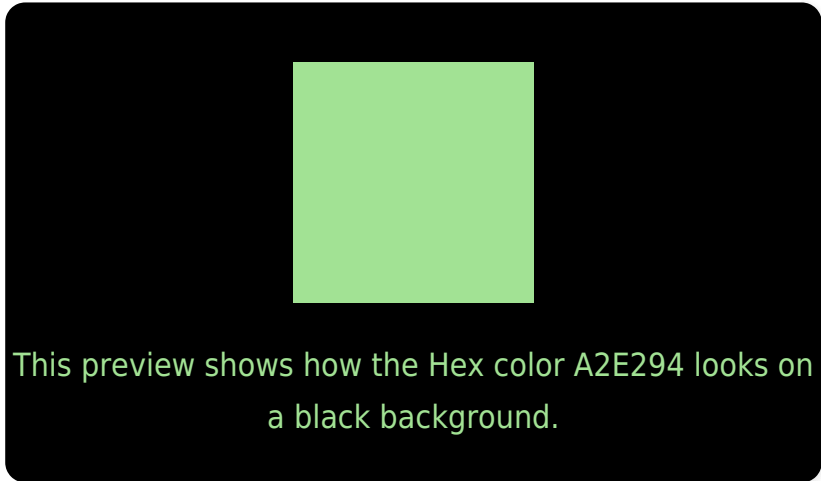
Large Text (above 18pt) WCAG AA × Fail

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

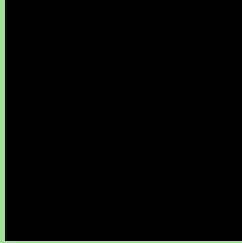
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A2E294 Background



This preview shows how black text looks on a background with the Hex color A2E294.

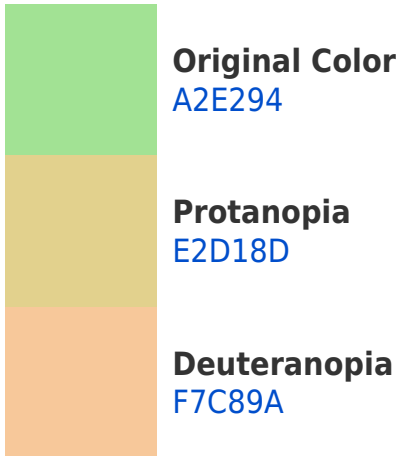


This preview shows how white text looks on a background with the Hex color A2E294.

# 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



**Original Color**

A2E294



**Protanomaly**

CBD790



**Deuteranomaly**

D8D198



**Tritanomaly**

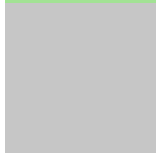
ABDCCA

# Monochromacy



**Original Color**

A2E294



**Achromatopsia**

C6C6C6



**Achromatomaly**

B9D0B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2E294 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 #A2E294 looks like.

```
.text, #text, p{  
    color:#A2E294  
}
```

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 #A2E294 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2E294
}
```

## Border

The CSS property to change the border of an element to Hex A2E294 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
#A2E294 }
```

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

```
.border{ border-color:#A2E294 }
```

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

Here you see how a box with a 4 pixel #A2E294 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2E294; -webkit-box-shadow:4px 4px  
4px 4px #A2E294; box-shadow:4px 4px 4px  
4px #A2E294 }
```

# Background

The CSS property to change the background color of an element to Hex A2E294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2E294 }
```

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

```
.background{ background-color:#A2E294 }
```

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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