

Converting Colors

Hex(A2C286)

Have a look what the booklet for
Hex(A2C286) contains.

Hex(A2C286)	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(A2C286)

Conversions

Conversions Part 1

Format	Color
Hex	A2C286
RGB	162, 194, 134
RGB Percent	64%, 76%, 53%
CMY	0.3647, 0.2392, 0.4745
CMYK	0.16, 0.00, 0.31, 0.24
HSL	92°, 33%, 64%
HSV	92°, 31%, 76%
XYZ	38.4952, 47.9862, 29.7876
YIQ	177.5920, 0.1880, -25.4440

Conversions

Conversions Part 2

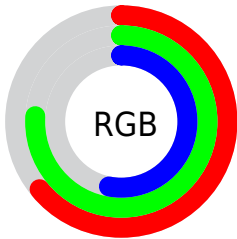
Format	Color
RYB	134, 194, 166
Decimal	10666630
CIELab	74.82, -21.51, 26.75
CIELCh	75, 34.325, 128.813
Yxy	47.9862, 0.3311, 0.4127
Android (android.graphics.Color)	4288856710 (0xFFA2C286)
YUV	177.5920, -21.4909, -13.6742
Hunter-Lab	69.2721, -22.0319, 22.9952

Details

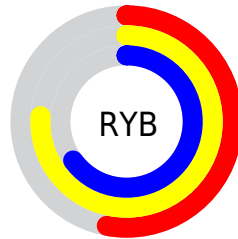
The Hex color **A2C286** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **A686C2**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **D9FBBC**, and **6D8C54** is the 20% darker color. If you saturate the color by 10%, you get **98C273**, and if you desaturate by 10%, it is **ACC299**.

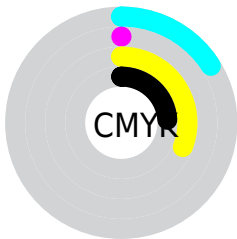
Distribution



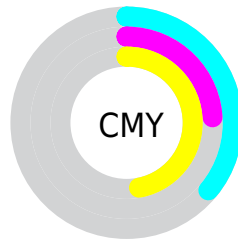
- Red (64%)
- Green (76%)
- Blue (53%)



- Red (53%)
- Yellow (76%)
- Blue (65%)



- Cyan (16%)
- Magenta (0%)
- Yellow (31%)
- Black (24%)



- Cyan (36%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color A2C286 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 A2C286 by changing the saturation by 10% instead.



A2C286



A2C286

FFFFFF



87A76C



D9FBBC



6D8C54



F6FFD8



54733C



FFFFF4



3C5A25



25420F



102C00



001900



000000



A2C286



A2C286

 98C273

 ACC299

 8DC25F

 B7C2AD

 83C24C

 C1C2C0

 79C238

 CBC2D4

 6EC225

 D6C2E7

 64C212

 E0C2FA

 5BC200

 EAC2FF

 F5C2FF

 FFC2FF

Harmonies

Analogous

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



C5B979



A2C286



7DC8A0

Triad

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



A2C286



6CC2F2



F6A0B0

Complementary

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



A2C286



A686C2

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.



E8A3D0



A2C286



9CB8F6

Square

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



A2C286



4DC8DF



C8ADE9



F3A592

Rectangle

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



A2C286



64C9B6



C8ADE9



F3A0BB

Sweetspot

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



A2C286



F0FCE6



C2A686



788071



000000



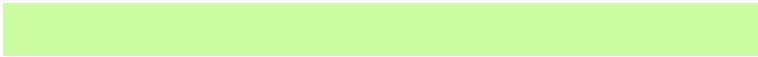
808080

Same Dimension

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



A2C286



CBFC9F



86C288



5C6157



4BA100



0F2100

Inverse Universe

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



A686C2



D19FFC



C286C0



5C5761



5600A1



120021

Previews

White Background



This preview shows how the Hex color A2C286 looks on a white background.

Color Contrast Check

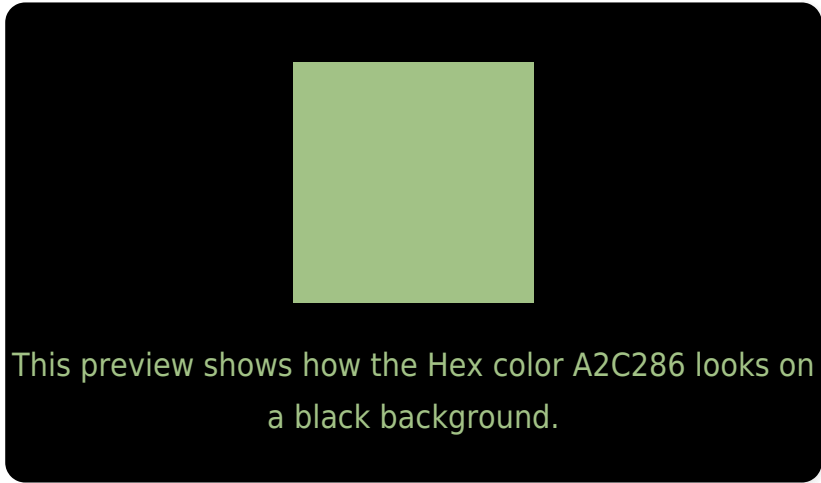
Large Text (above 18pt) WCAG AA × Fail

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

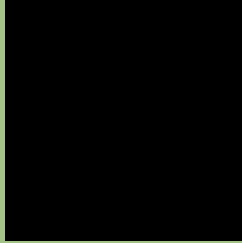
Any Text WCAG AA ✓ Pass

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 A2C286 Background



This preview shows how black text looks on a background with the Hex color A2C286.

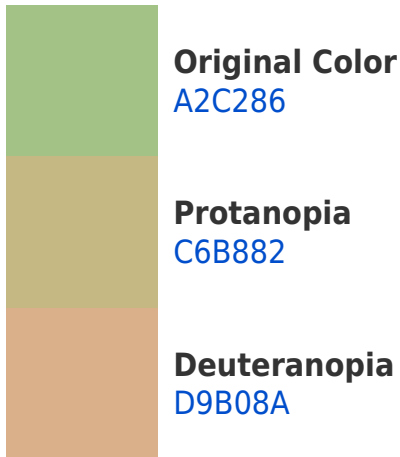


This preview shows how white text looks on a background with the Hex color A2C286.

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](#).

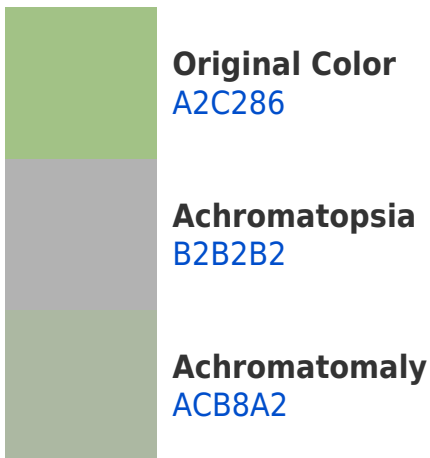
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A2C286 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 #A2C286 looks like.

```
.text, #text, p{  
    color:#A2C286  
}
```

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 #A2C286 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2C286
}
```

Border

The CSS property to change the border of an element to Hex A2C286 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
#A2C286 }
```

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

```
.border{ border-color:#A2C286 }
```

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

Here you see how a box with a 4 pixel #A2C286 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2C286; -webkit-box-shadow:4px 4px  
4px 4px #A2C286; box-shadow:4px 4px 4px  
4px #A2C286 }
```

Background

The CSS property to change the background color of an element to Hex A2C286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2C286 }
```

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

```
.background{ background-color:#A2C286 }
```

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