

Converting Colors

Hex(A2F48D)

Have a look what the booklet for
Hex(A2F48D) contains.

Hex(A2F48D)	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(A2F48D)

Conversions

Conversions Part 1

Format	Color
Hex	A2F48D
RGB	162, 244, 141
RGB Percent	64%, 96%, 55%
CMY	0.3647, 0.0431, 0.4471
CMYK	0.34, 0.00, 0.42, 0.04
HSL	108°, 82%, 75%
HSV	108°, 42%, 96%
XYZ	52.0587, 74.3058, 36.7980
YIQ	207.7400, -15.8090, -49.4170

Conversions

Conversions Part 2

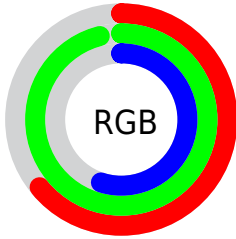
Format	Color
RYB	141, 244, 223
Decimal	10679437
CIELab	89.07, -43.78, 41.84
CIElCh	89, 60.559, 136.300
Yxy	74.3058, 0.3191, 0.4554
Android (android.graphics.Color)	4288869517 (0xFFA2F48D)
YUV	207.7400, -32.9028, -40.1140
Hunter-Lab	86.2008, -43.0511, 35.0305

Details

The Hex color **A2F48D** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **DF8DF4**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **DBFFC4**, and **6ABB59** is the 20% darker color. If you saturate the color by 10%, you get **8FF475**, and if you desaturate by 10%, it is **B5F4A5**.

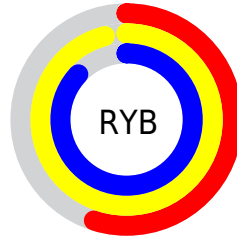
Distribution



Red (64%)

Green (96%)

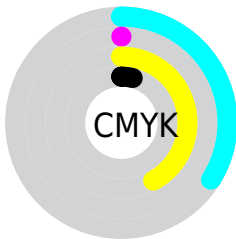
Blue (55%)



Red (55%)

Yellow (96%)

Blue (87%)

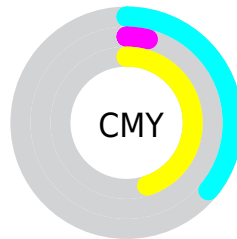


Cyan (34%)

Magenta (0%)

Yellow (42%)

Black (4%)



Cyan (36%)

Magenta (4%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color A2F48D 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 A2F48D by changing the saturation by 10% instead.

 A2F48D

 A2F48D

FFFFFF

 86D773

 DBFFC4

 6ABB59

 F9FFE0

 4FA040

FFFFFFD

 328526

 0D6B09

 005200

 003A00

 002500

 000000

 A2F48D

 A2F48D

 8FF475

 B5F4A5

 7BF45C

 C9F4BE

 68F444

 DCF4D6

 54F42B

 F0F4EF

 41F413

 FFF4FF

 32F400

Harmonies

Analogous

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



E3E66C



A2F48D



3FFCC2

Triad

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



A2F48D



00EDFF



FFB0C2

Complementary

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



A2F48D



DF8DF4

Split Complementary

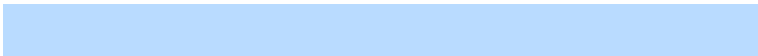
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB3FD



A2F48D



B9DBFF

Square

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



A2F48D



00F9FF



FFC4FF



FFBE8F

Rectangle

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



A2F48D



00FDEB



FFC4FF



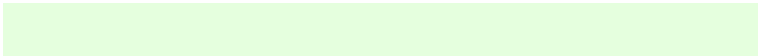
FFAFD6

Sweetspot

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



A2F48D



E5FFDE



F4DE8D



6F806B



000000



808080

Same Dimension

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



A2F48D



97FF7D



8DF4AA



717A6E



26BA00



0C3B00

Inverse Universe

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



DF8DF4



E47DFF



F48DD7



786E7A



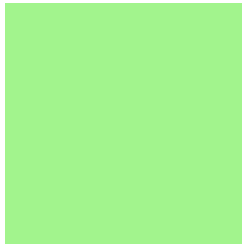
9400BA



2F003B

Previews

White Background



This preview shows how the Hex color A2F48D looks on a white background.

Color Contrast Check

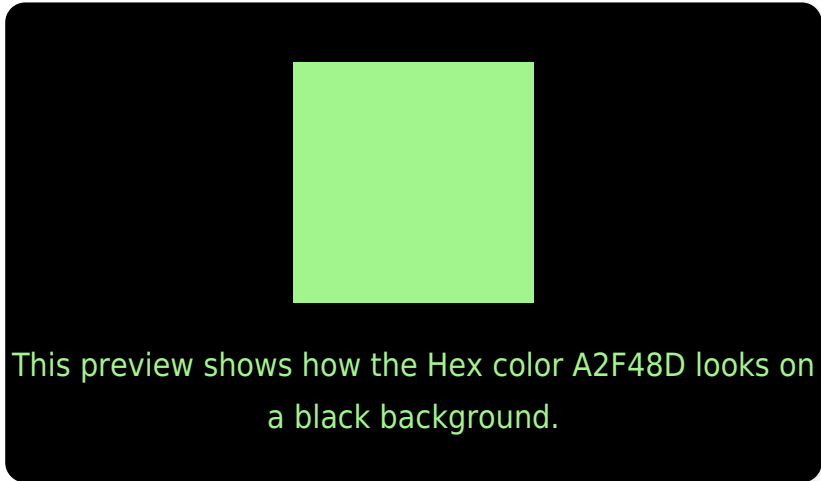
Large Text (above 18pt) WCAG AA × Fail

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

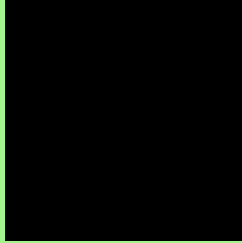
Any Text WCAG AA ✓ Pass

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 A2F48D Background



This preview shows how black text looks on a background with the Hex color A2F48D.

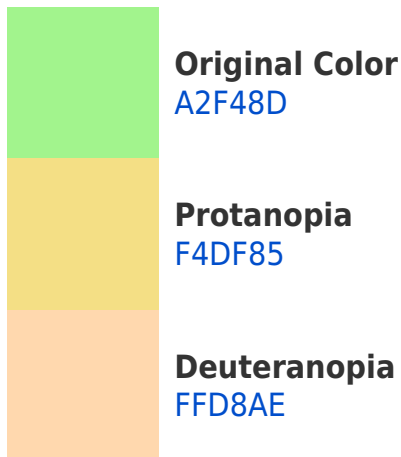


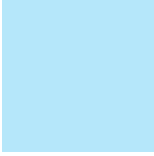
This preview shows how white text looks on a background with the Hex color A2F48D.

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





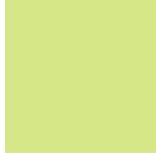
Tritanopia
B5E7FA

Trichromacy



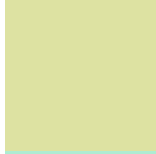
Original Color

A2F48D



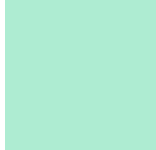
Protanomaly

D6E788



Deuteranomaly

DDE2A2



Tritanomaly

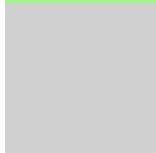
AEECD2

Monochromacy



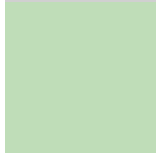
Original Color

A2F48D



Achromatopsia

D0D0D0



Achromatomaly

BFDDB8

CSS Examples

Text

The CSS property to change the color of the text to Hex A2F48D 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 #A2F48D looks like.

```
.text, #text, p{  
    color:#A2F48D  
}
```

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 #A2F48D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2F48D
}
```

Border

The CSS property to change the border of an element to Hex A2F48D 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
#A2F48D }
```

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

```
.border{ border-color:#A2F48D }
```

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

Here you see how a box with a 4 pixel #A2F48D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2F48D; -webkit-box-shadow:4px 4px  
4px 4px #A2F48D; box-shadow:4px 4px 4px  
4px #A2F48D }
```

Background

The CSS property to change the background color of an element to Hex A2F48D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2F48D }
```

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

```
.background{ background-color:#A2F48D }
```

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