

Converting Colors

Hex(A2D47F)

Have a look what the booklet for
Hex(A2D47F) contains.

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Color

Hex(A2D47F)

Conversions

Conversions Part 1

Format	Color
Hex	A2D47F
RGB	162, 212, 127
RGB Percent	64%, 83%, 50%
CMY	0.3647, 0.1686, 0.5020
CMYK	0.24, 0.00, 0.40, 0.17
HSL	95°, 50%, 66%
HSV	95°, 40%, 83%
XYZ	42.2745, 56.3007, 28.7177
YIQ	187.3600, -2.5150, -37.0350

Conversions

Conversions Part 2

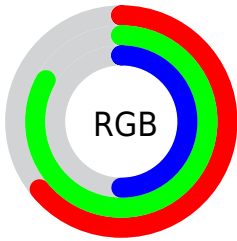
Format	Color
RYB	127, 212, 177
Decimal	10671231
CIELab	79.78, -31.20, 36.89
CIELCh	80, 48.310, 130.226
Yxy	56.3007, 0.3321, 0.4423
Android (android.graphics.Color)	4288861311 (0xFFA2D47F)
YUV	187.3600, -29.7575, -22.2407
Hunter-Lab	75.0338, -30.7410, 29.8316

Details

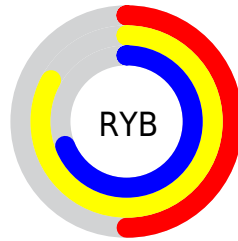
The Hex color **A2D47F** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B17FD4**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **DAFFB5**, and **6C9D4C** is the 20% darker color. If you saturate the color by 10%, you get **96D46A**, and if you desaturate by 10%, it is **AED494**.

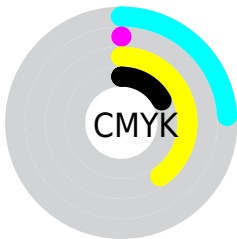
Distribution



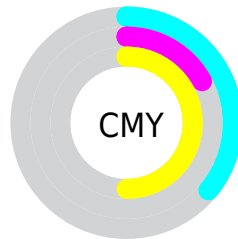
- Red (64%)
- Green (83%)
- Blue (50%)



- Red (50%)
- Yellow (83%)
- Blue (69%)



- Cyan (24%)
- Magenta (0%)
- Yellow (40%)
- Black (17%)



- Cyan (36%)
- Magenta (17%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color A2D47F 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 A2D47F by changing the saturation by 10% instead.



A2D47F



A2D47F

FFFFFF



87B865



DAFFB5



6C9D4C



F7FFD1



528334



FFFFED



39691B



1F5100



033900



002400



000000



A2D47F



A2D47F

 96D46A

 AED494

 89D455

 BBD4A9

 7DD43F

 C7D4BF

 70D42A

 D4D4D4

 64D415

 E0D4E9

 57D400

 EDD4FE

 F9D4FF

 FFD4FF

Harmonies

Analogous

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



D3C86B



A2D47F



66DBA6

Triad

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



A2D47F



36D3FF



FFA1B8

Complementary

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



A2D47F



B17FD4

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.



FFA6E5



A2D47F



9BC5FF

Square

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



A2D47F



00DBFF



DEB4FF



FFAA8E

Rectangle

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



A2D47F



28DDC5



DEB4FF



FFA1C7

Sweetspot

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



A2D47F



EDFFE0



D4B17F



75806E



000000



808080

Same Dimension

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



A2D47F



B7FF85



7FD486



656B60



46AB00



122B00

Inverse Universe

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



B17FD4



CD85FF



D47FCD



67606B



6500AB



1A002B

Previews

White Background



This preview shows how the Hex color A2D47F looks on a white background.

Color Contrast Check

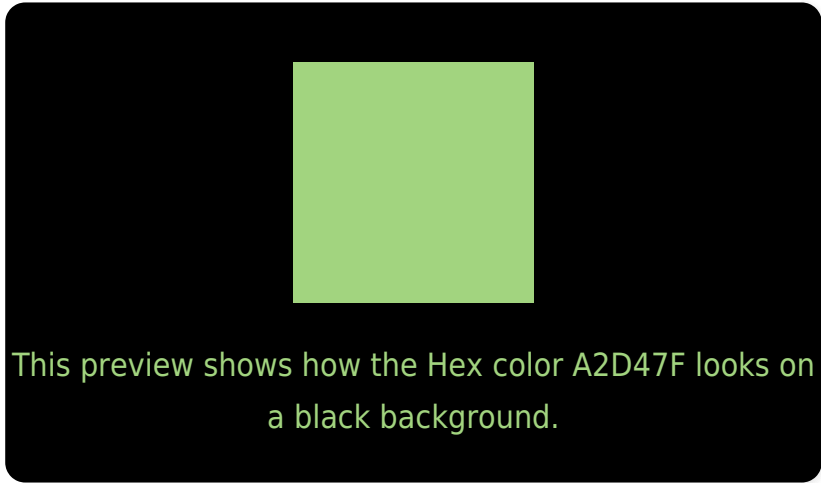
Large Text (above 18pt) WCAG AA × Fail

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

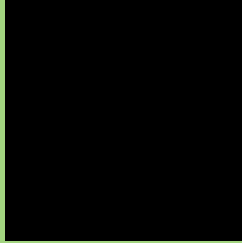
Any Text WCAG AA ✓ Pass

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 A2D47F Background



This preview shows how black text looks on a background with the Hex color A2D47F.

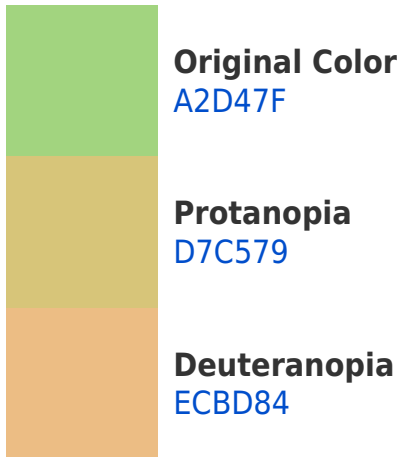


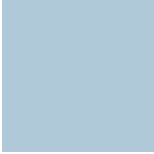
This preview shows how white text looks on a background with the Hex color A2D47F.

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](#).

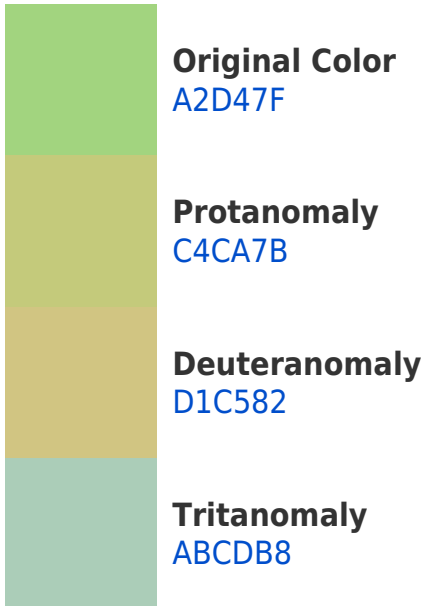
Dichromacy



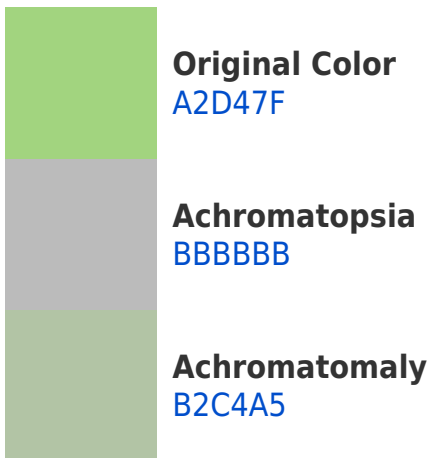


Tritanopia
B0C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A2D47F 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 #A2D47F looks like.

```
.text, #text, p{  
    color:#A2D47F  
}
```

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 #A2D47F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2D47F
}
```

Border

The CSS property to change the border of an element to Hex A2D47F 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
#A2D47F }
```

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

```
.border{ border-color:#A2D47F }
```

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

Here you see how a box with a 4 pixel #A2D47F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2D47F; -webkit-box-shadow:4px 4px  
4px 4px #A2D47F; box-shadow:4px 4px 4px  
4px #A2D47F }
```

Background

The CSS property to change the background color of an element to Hex A2D47F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2D47F }
```

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

```
.background{ background-color:#A2D47F }
```

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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