

Converting Colors

Hex(A6DC7F)

Have a look what the booklet for
Hex(A6DC7F) contains.

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Color

Hex(A6DC7F)

Conversions

Conversions Part 1

Format	Color
Hex	A6DC7F
RGB	166, 220, 127
RGB Percent	65%, 86%, 50%
CMY	0.3490, 0.1373, 0.5020
CMYK	0.25, 0.00, 0.42, 0.14
HSL	95°, 57%, 68%
HSV	95°, 42%, 86%
XYZ	45.1498, 60.8257, 29.4396
YIQ	193.2520, -2.3310, -40.3710

Conversions

Conversions Part 2

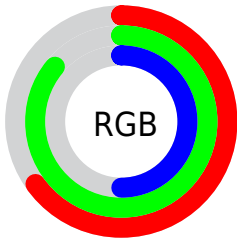
Format	Color
RYB	127, 220, 181
Decimal	10935423
CIELab	82.28, -33.51, 40.13
CIELCh	82, 52.283, 129.865
Yxy	60.8257, 0.3334, 0.4492
Android (android.graphics.Color)	4289125503 (0xFFA6DC7F)
YUV	193.2520, -32.6622, -23.9000
Hunter-Lab	77.9908, -33.1481, 32.2131

Details

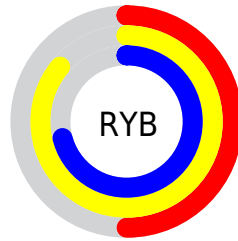
The Hex color **A6DC7F** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B57FDC**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **DFFFB5**, and **70A54C** is the 20% darker color. If you saturate the color by 10%, you get **99DC69**, and if you desaturate by 10%, it is **B3DC95**.

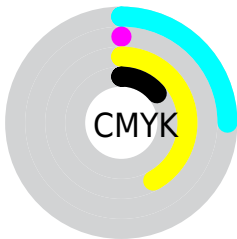
Distribution



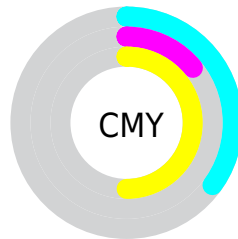
- Red (65%)
- Green (86%)
- Blue (50%)



- Red (50%)
- Yellow (86%)
- Blue (71%)



- Cyan (25%)
- Magenta (0%)
- Yellow (42%)
- Black (14%)



- Cyan (35%)
- Magenta (14%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6DC7F 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 A6DC7F by changing the saturation by 10% instead.

 A6DC7F

 A6DC7F

FFFFFF

 8BC065

 DFFFB5


 70A54C

 FCFFD1

 558A33

 FFFFEE

 3B701A

 215800

 034000

 002900

 000F00

 000000

 A6DC7F

 A6DC7F

 99DC69

 B3DC95

 8CDC53

 C0DCAB

 80DC3D

 CCDCC1

 73DC27

 D9DCD7

 66DC11

 E6DCED

 5CDC00

 F3DCFF

 FFDCFF

Harmonies

Analogous

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



DBC69



A6DC7F



63E4A9

Triad

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



A6DC7F



04DBFF



FFA5BE

Complementary

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



A6DC7F



B57FDC

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.



FFAAF0



A6DC7F



9BCCFF

Square

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



A6DC7F



00E4FF



E6BAFF



FFAD90

Rectangle

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



A6DC7F



00E6CB



E6BAFF



FFA5CF

Sweetspot

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



A6DC7F



ECFFDE



DCB47F



74806B



000000



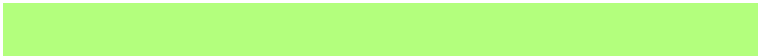
808080

Same Dimension

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



A6DC7F



B3FF7D



7FDC85



676E63



49AD00



132E00

Inverse Universe

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



B57FDC



C87DFF



DC7FD6



69636E



6500AD



1B002E

Previews

White Background



This preview shows how the Hex color A6DC7F looks on a white background.

Color Contrast Check

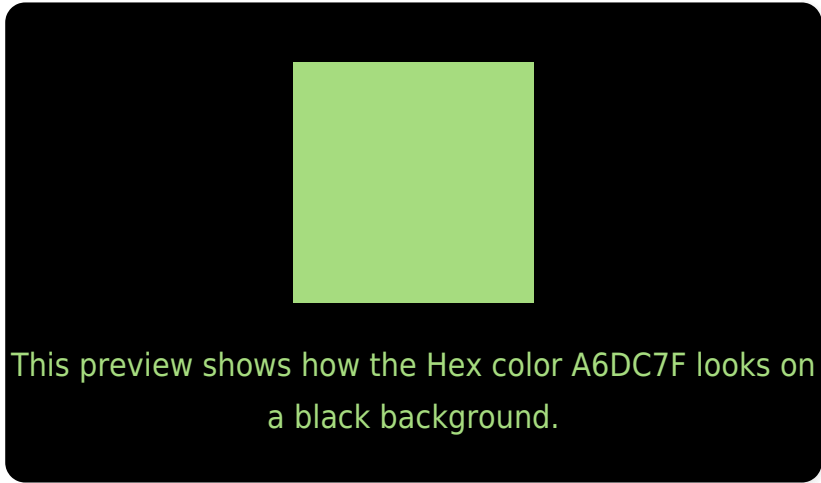
Large Text (above 18pt) WCAG AA × Fail

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 A6DC7F Background



This preview shows how black text looks on a background with the Hex color A6DC7F.

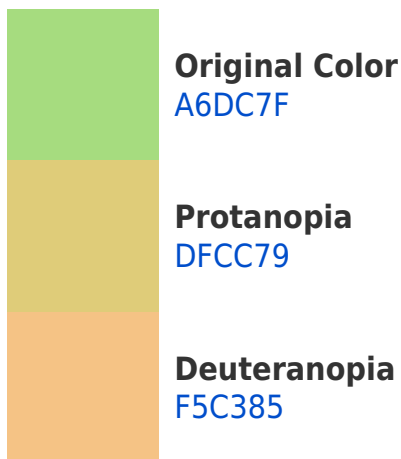


This preview shows how white text looks on a background with the Hex color A6DC7F.

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
B5D1E1

Trichromacy



Original Color
A6DC7F



Protanomaly
CAD27B



Deuteranomaly
D8CC83

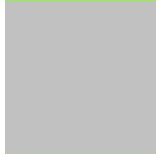


Tritanomaly
B0D5BD

Monochromacy



Original Color
A6DC7F



Achromatopsia
C1C1C1



Achromatomaly
B7CBA9

CSS Examples

Text

The CSS property to change the color of the text to Hex A6DC7F 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 #A6DC7F looks like.

```
.text, #text, p{  
    color:#A6DC7F  
}
```

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 #A6DC7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6DC7F
}
```

Border

The CSS property to change the border of an element to Hex A6DC7F 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
#A6DC7F }
```

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

```
.border{ border-color:#A6DC7F }
```

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

Here you see how a box with a 4 pixel #A6DC7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6DC7F; -webkit-box-shadow:4px 4px  
4px 4px #A6DC7F; box-shadow:4px 4px 4px  
4px #A6DC7F }
```

Background

The CSS property to change the background color of an element to Hex A6DC7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6DC7F }
```

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

```
.background{ background-color:#A6DC7F }
```

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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