

Converting Colors

Hex(A6DDD7)

Have a look what the booklet for
Hex(A6DDD7) contains.

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Color

Hex(A6DDD7)

Conversions

Conversions Part 1

Format	Color
Hex	A6DDD7
RGB	166, 221, 215
RGB Percent	65%, 87%, 84%
CMY	0.3490, 0.1333, 0.1569
CMYK	0.25, 0.00, 0.03, 0.13
HSL	173°, 45%, 76%
HSV	173°, 25%, 87%
XYZ	53.8481, 64.7262, 73.9453
YIQ	203.8710, -30.8540, -13.5260

Conversions

Conversions Part 2

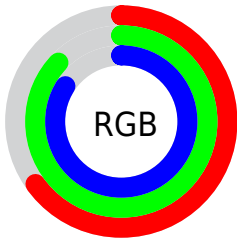
Format	Color
RYB	166, 195, 221
Decimal	10935767
CIELab	84.34, -18.78, -2.79
CIELCh	84, 18.990, 188.459
Yxy	64.7262, 0.2797, 0.3362
Android (android.graphics.Color)	4289125847 (0xFFA6DDD7)
YUV	203.8710, 5.4866, -33.2129
Hunter-Lab	80.4526, -21.3194, 1.8224

Details

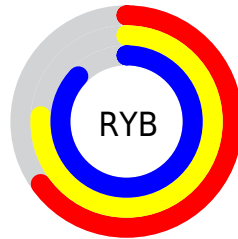
The Hex color **A6DDD7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DDA6AC**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **DEFFFF**, and **70A6A0** is the 20% darker color. If you saturate the color by 10%, you get **90DDD5**, and if you desaturate by 10%, it is **BCDDD9**.

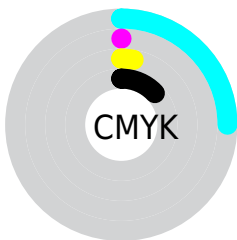
Distribution



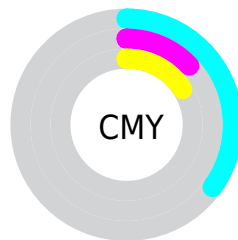
- Red (65%)
- Green (87%)
- Blue (84%)



- Red (65%)
- Yellow (76%)
- Blue (87%)



- Cyan (25%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



- Cyan (35%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6DDD7 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 A6DDD7 by changing the saturation by 10% instead.

 A6DDD7

FFFFFF

 DEFFFF

 FBFFFF

 A6DDD7

 8BC1BB

 70A6A0

 578B86

 3D726D

 245955

 05413E

 002B28

 001813

 000000

 A6DDD7

 A6DDD7

 90DDD5

 BCDDD9

 7ADDD2

 D2DDDC

 64DDD0

 E8DDDE

 4EDDCD

 FEDDE1

 38DDCB

 FFDDE3

 21DDC9

 FFDDE5

 0BDDC6

 FFDDE8

 00DDC5

 FFDDEA

 FFDDED

Harmonies

Analogous

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



B4DCC5



A6DDD7



A4DCE8

Triad

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



A6DDD7



DCCCEF



ECCDB2

Complementary

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



A6DDD7



DDA6AC

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.



F7C8BD



A6DDD7



EEC8E0

Square

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



A6DDD7



C5D2F6



F8C6CE



DBD3AF

Rectangle

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



A6DDD7



ABD9F0



F8C6CE



F1CBB5

Sweetspot

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



A6DDD7



EDFFFD



ACDDA6



75807E



000000



808080

Same Dimension

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



A6DDD7



B3FFF7



A6C8DD



636E6C



00AD9A



002E29

Inverse Universe

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



DDA6AC



FFB3BB



DDBBA6



6E6364



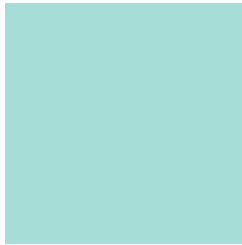
AD0013



2E0005

Previews

White Background



This preview shows how the Hex color A6DDD7 looks on a white background.

Color Contrast Check

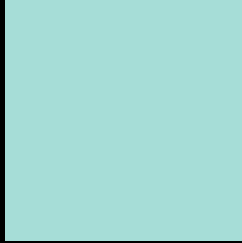
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color A6DDD7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

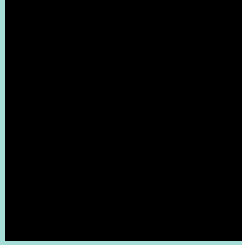
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

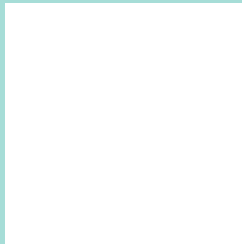
Any Text WCAG AAA ✓ Pass

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

Hex A6DDD7 Background



This preview shows how black text looks on a background with the Hex color A6DDD7.

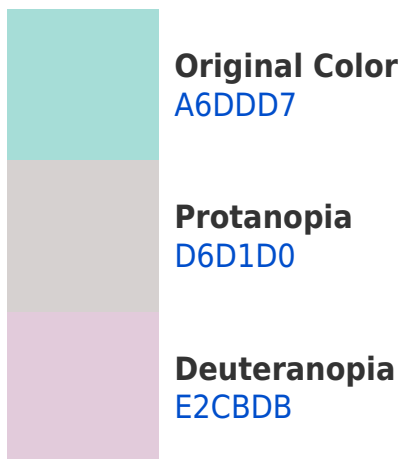


This preview shows how white text looks on a background with the Hex color A6DDD7.

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](#).

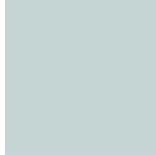
Dichromacy



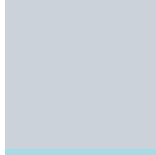
Trichromacy



Original Color
A6DDD7



Protanomaly
C5D5D3



Deuteranomaly
CCD2DA



Tritanomaly
A9DBE4

Monochromacy



Original Color
A6DDD7



Achromatopsia
CCCCCC



Achromatomaly
BED2D0

CSS Examples

Text

The CSS property to change the color of the text to Hex A6DDD7 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 #A6DDD7 looks like.

```
.text, #text, p{  
    color:#A6DDD7  
}
```

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 #A6DDD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6DDD7  
}
```

Border

The CSS property to change the border of an element to Hex A6DDD7 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  
#A6DDD7 }
```

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

```
.border{ border-color:#A6DDD7 }
```

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

Here you see how a box with a 4 pixel #A6DDD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6DDD7; -webkit-box-shadow:4px 4px  
4px 4px #A6DDD7; box-shadow:4px 4px 4px  
4px #A6DDD7 }
```

Background

The CSS property to change the background color of an element to Hex A6DDD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6DDD7 }
```

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

```
.background{ background-color:#A6DDD7 }
```

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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