

Converting Colors

Hex(A6D9E4)

Have a look what the booklet for
Hex(A6D9E4) contains.

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Color

Hex(A6D9E4)

Conversions

Conversions Part 1

Format	Color
Hex	A6D9E4
RGB	166, 217, 228
RGB Percent	65%, 85%, 89%
CMY	0.3490, 0.1490, 0.1059
CMYK	0.27, 0.05, 0.00, 0.11
HSL	191°, 53%, 77%
HSV	191°, 27%, 89%
XYZ	54.5423, 63.3341, 82.7488
YIQ	203.0050, -33.9270, -7.3910

Conversions

Conversions Part 2

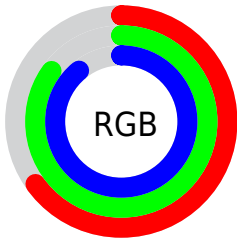
Format	Color
RYB	166, 194, 228
Decimal	10934756
CIELab	83.62, -13.89, -10.76
CIELCh	84, 17.570, 217.762
Yxy	63.3341, 0.2719, 0.3157
Android (android.graphics.Color)	4289124836 (0xFFA6D9E4)
YUV	203.0050, 12.3225, -32.4534
Hunter-Lab	79.5827, -16.9342, -5.9408

Details

The Hex color **A6D9E4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E4B1A6**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **DEFFFF**, and **70A2AD** is the 20% darker color. If you saturate the color by 10%, you get **8FD5E4**, and if you desaturate by 10%, it is **BDDDE4**.

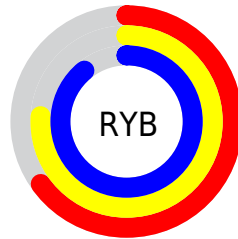
Distribution



Red (65%)

Green (85%)

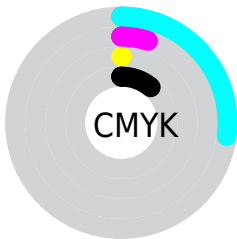
Blue (89%)



Red (65%)

Yellow (76%)

Blue (89%)

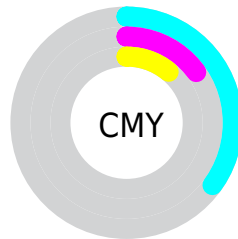


Cyan (27%)

Magenta (5%)

Yellow (0%)

Black (11%)



Cyan (35%)

Magenta (15%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6D9E4 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 A6D9E4 by changing the saturation by 10% instead.

 A6D9E4

 A6D9E4

FFFFFF

 8BBDC8

 DEFFFF

 70A2AD

 FBFFFF

 568892

 3C6E78

 225660

 013F48

 002931

 00151D

 000000

 A6D9E4

 A6D9E4

 8FD5E4

 BDDDE4

 78D1E4

 D4E1E4

 62CDE4

 EAE5E4

 4BC9E4

 FFE9E4

 34C5E4

 FFEDE4

 1DC1E4

 FFF1E4

 06BDE4

 FFF5E4

 00BCE4

 FFF9E4

 FFFDE4

Harmonies

Analogous

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



A8DAD4



A6D9E4



B1D6EE

Triad

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



A6D9E4



EAC7DD



D9D1B0

Complementary

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



A6D9E4



E4B1A6

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.



E9CBB2



A6D9E4



F3C5CD

Square

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



A6D9E4



D9CBEB



F2C7BD



C6D6B6

Rectangle

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



A6D9E4



BDD2F1



F2C7BD



DFCFB0

Sweetspot

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



A6D9E4



EBFBFF



A6E4B0



737D80



000000



808080

Same Dimension

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



A6D9E4



ABF0FF



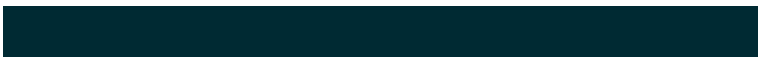
A6BBE4



677173



0093B3



002A33

Inverse Universe

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



E4A6D9



FFABF0



E4CFA6



736771



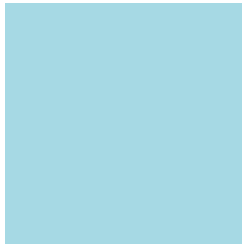
B30093



33002A

Previews

White Background



This preview shows how the Hex color A6D9E4 looks on a white background.

Color Contrast Check

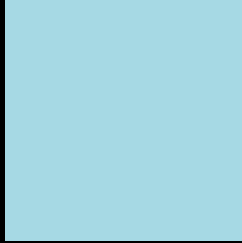
Large Text (above 18pt) WCAG AA × Fail

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 A6D9E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

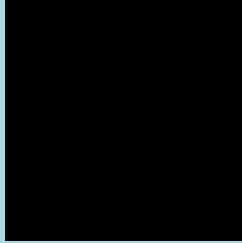
Any Text WCAG AA ✓ Pass

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 A6D9E4 Background



This preview shows how black text looks on a background with the Hex color A6D9E4.

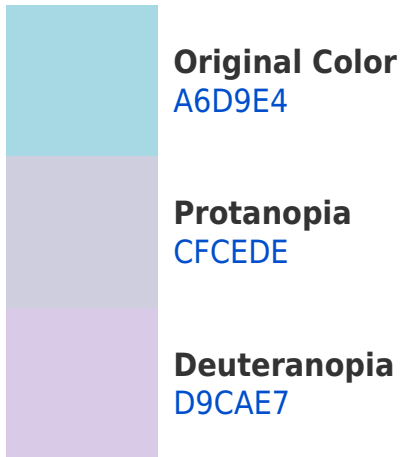


This preview shows how white text looks on a background with the Hex color A6D9E4.

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](#).

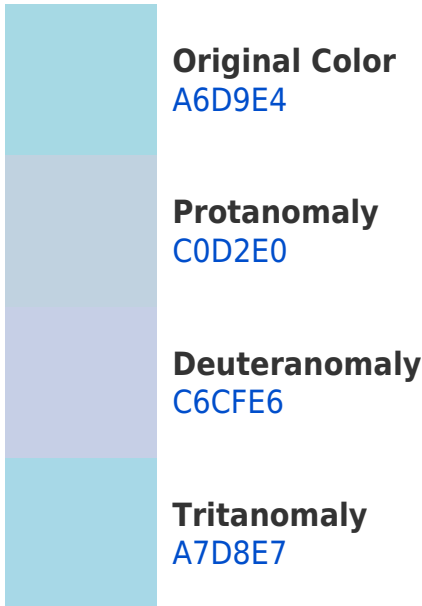
Dichromacy



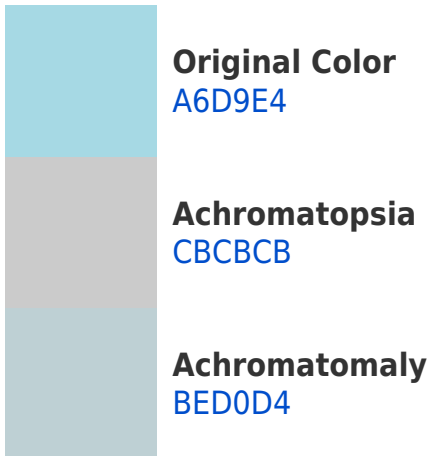


Tritanopia
A7D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6D9E4 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 #A6D9E4 looks like.

```
.text, #text, p{  
    color:#A6D9E4  
}
```

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 #A6D9E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6D9E4
}
```

Border

The CSS property to change the border of an element to Hex A6D9E4 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
#A6D9E4 }
```

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

```
.border{ border-color:#A6D9E4 }
```

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

Here you see how a box with a 4 pixel #A6D9E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6D9E4; -webkit-box-shadow:4px 4px  
4px 4px #A6D9E4; box-shadow:4px 4px 4px  
4px #A6D9E4 }
```

Background

The CSS property to change the background color of an element to Hex A6D9E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6D9E4 }
```

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

```
.background{ background-color:#A6D9E4 }
```

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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