

Converting Colors

Hex(A2D9D0)

Have a look what the booklet for
Hex(A2D9D0) contains.

Hex(A2D9D0)	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(A2D9D0)

Conversions

Conversions Part 1

Format	Color
Hex	A2D9D0
RGB	162, 217, 208
RGB Percent	64%, 85%, 82%
CMY	0.3647, 0.1490, 0.1843
CMYK	0.25, 0.00, 0.04, 0.15
HSL	170°, 42%, 74%
HSV	170°, 25%, 85%
XYZ	51.0983, 61.8612, 68.9217
YIQ	199.5290, -29.8910, -14.4590

Conversions

Conversions Part 2

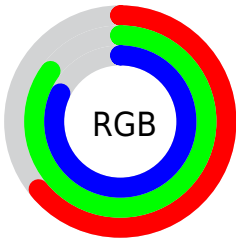
Format	Color
RYB	162, 192, 217
Decimal	10672592
CIELab	82.84, -19.47, -1.31
CIELCh	83, 19.515, 183.849
Yxy	61.8612, 0.2809, 0.3401
Android (android.graphics.Color)	4288862672 (0xFFA2D9D0)
YUV	199.5290, 4.1762, -32.9129
Hunter-Lab	78.6519, -21.6734, 3.1011

Details

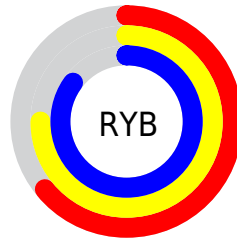
The Hex color **A2D9D0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D9A2AB**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **DAFFFF**, and **6DA29A** is the 20% darker color. If you saturate the color by 10%, you get **8CD9CC**, and if you desaturate by 10%, it is **B8D9D4**.

Distribution



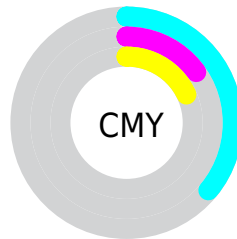
- Red (64%)
- Green (85%)
- Blue (82%)



- Red (64%)
- Yellow (75%)
- Blue (85%)



- Cyan (25%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (36%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color A2D9D0 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 A2D9D0 by changing the saturation by 10% instead.

 A2D9D0

 A2D9D0

FFFFFF

 87BDB4

 DAFFFF

 6DA29A

 F7FFFF

 538880

 3A6E67

 20564F

 023E38

 002823

 00120D

 000000

 A2D9D0

 A2D9D0

 8CD9CC

 B8D9D4

 77D9C9

 CDD9D7

 61D9C5

 E3D9DB

 4BD9C2

 F9D9DE

 35D9BE

 FFD9E2

 20D9BB

 FFD9E5

 0AD9B7

 FFD9E9

 00D9B5

 FFD9EC

 FFD9F0

Harmonies

Analogous

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



B1D7BE



A2D9D0



9ED8E2

Triad

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



A2D9D0



D5C9ED



EBC8AE

Complementary

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



A2D9D0



D9A2AB

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.



F4C3BB



A2D9D0



E8C4DF

Square

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



A2D9D0



BDCFF2



F3C1CC



DACEAA

Rectangle

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



A2D9D0



A3D6EB



F3C1CC



EFC6B1

Sweetspot

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



A2D9D0



EBFFFC



ABD9A2



73807D



000000



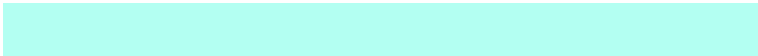
808080

Same Dimension

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



A2D9D0



B3FFF2



A2C7D9



636E6C



00AD91



002E26

Inverse Universe

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



D9A2AB



FFB3BF



D9B4A2



6E6364



AD001C



2E0008

Previews

White Background



This preview shows how the Hex color A2D9D0 looks on a white background.

Color Contrast Check

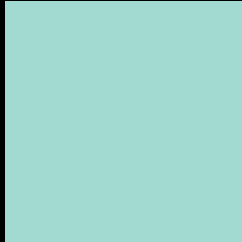
Large Text (above 18pt) WCAG AA × Fail

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 A2D9D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

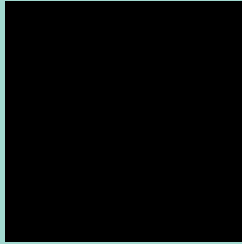
Any Text WCAG AA ✓ Pass

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 A2D9D0 Background



This preview shows how black text looks on a background with the Hex color A2D9D0.

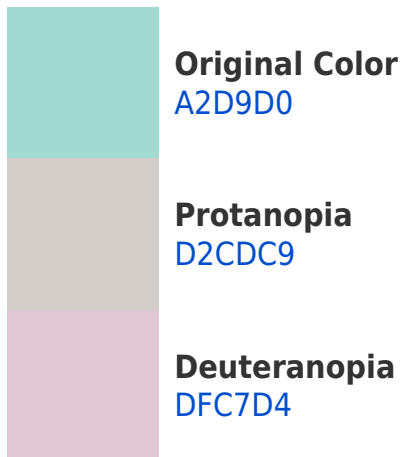


This preview shows how white text looks on a background with the Hex color A2D9D0.

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
A7D6E7

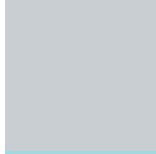
Trichromacy



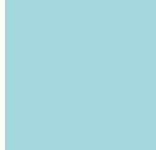
Original Color
A2D9D0



Protanomaly
C1D1CC



Deuteranomaly
C9CED3

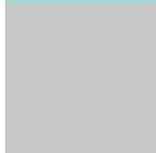


Tritanomaly
A5D7DF

Monochromacy



Original Color
A2D9D0



Achromatopsia
C8C8C8



Achromatomaly
BACECB

CSS Examples

Text

The CSS property to change the color of the text to Hex A2D9D0 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 #A2D9D0 looks like.

```
.text, #text, p{  
    color:#A2D9D0  
}
```

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 #A2D9D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2D9D0
}
```

Border

The CSS property to change the border of an element to Hex A2D9D0 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
#A2D9D0 }
```

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

```
.border{ border-color:#A2D9D0 }
```

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

Here you see how a box with a 4 pixel #A2D9D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2D9D0; -webkit-box-shadow:4px 4px  
4px 4px #A2D9D0; box-shadow:4px 4px 4px  
4px #A2D9D0 }
```

Background

The CSS property to change the background color of an element to Hex A2D9D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2D9D0 }
```

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

```
.background{ background-color:#A2D9D0 }
```

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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