

# Converting Colors

Hex(A6F2D9)

Have a look what the booklet for  
Hex(A6F2D9) contains.

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# **Color**

**Hex(A6F2D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6F2D9
RGB	166, 242, 217
RGB Percent	65%, 95%, 85%
CMY	0.3490, 0.0510, 0.1490
CMYK	0.31, 0.00, 0.10, 0.05
HSL	160°, 75%, 80%
HSV	160°, 31%, 95%
XYZ	60.0024, 76.6210, 77.2725
YIQ	216.4260, -37.2710, -23.8870

# Conversions

## Conversions Part 2

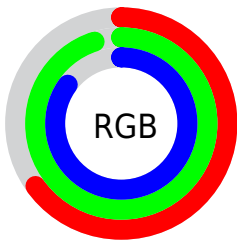
Format	Color
<b>RYB</b>	166, 211, 242
Decimal	10941145
CIELab	90.15, -28.61, 4.62
CIELCh	90, 28.976, 170.834
Yxy	76.6210, 0.2805, 0.3582
Android (android.graphics.Color)	4289131225 (0xFFA6F2D9)
YUV	216.4260, 0.2830, -44.2236
Hunter-Lab	87.5334, -30.8253, 8.9335

# Details

The Hex color **A6F2D9** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F2A6BF**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **DFFFFFF**, and **6FBAA2** is the 20% darker color. If you saturate the color by 10%, you get **8EF2D1**, and if you desaturate by 10%, it is **BEF2E1**.

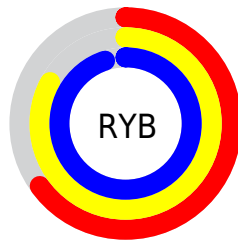
# Distribution



Red (65%)

Green (95%)

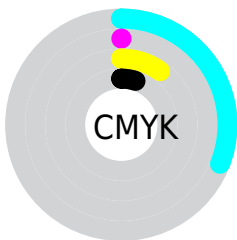
Blue (85%)



Red (65%)

Yellow (83%)

Blue (95%)

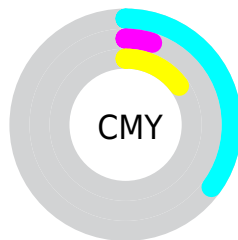


Cyan (31%)

Magenta (0%)

Yellow (10%)

Black (5%)



Cyan (35%)

Magenta (5%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6F2D9 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 A6F2D9 by changing the saturation by 10% instead.



 A6F2D9

 A6F2D9

FFFFFF

 8AD5BD

 DFFFFFF

 6FBAA2

 FCFFFF

 559E88

 3A846F

 1D6A56

 00523F

 003A29

 002515

 000100

 A6F2D9

 A6F2D9

 8EF2D1

 BEF2E1

 76F2C9

 D6F2E9

 5DF2C1

 EFF2F1

 45F2B9

 FFF2F9

 2DF2B1

 FFF2FF

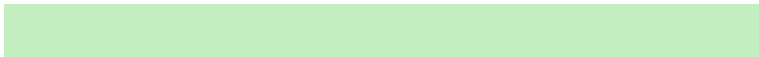
 15F2A9

 00F2A2

# Harmonies

## Analogous

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



C3EEBF



A6F2D9



94F2F5

# Triad

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



A6F2D9



DCDFFF



FFD5B9

# Complementary

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



A6F2D9



F2A6BF

# 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.



FFD0D0



A6F2D9



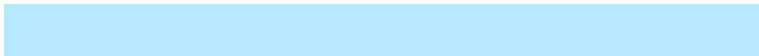
FED5FF

# Square

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



A6F2D9



B6E8FF



FFD0EC



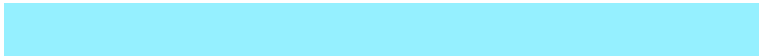
FFDEAC

# Rectangle

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



A6F2D9



95F0FF



FFD0EC



FFD3C0



# Sweetspot

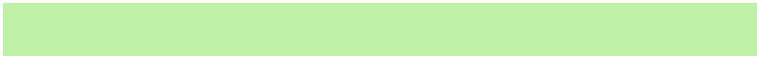
The Sweet Spot groups the original color and five complimentary colors.



A6F2D9



E8FFF7



BFF2A6



71807B



000000



808080



# Same Dimension

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



A6F2D9



9EFFDF



A6E5F2



6C7874



00B87B



003826



# Inverse Universe

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



F2A6BF



FF9EBE



F2B3A6



786C70



B8003C

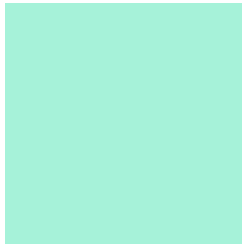


380012



# Previews

## White Background



This preview shows how the Hex color A6F2D9 looks on a white background.

## Color Contrast Check

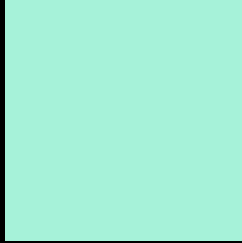
Large Text (above 18pt) WCAG AA × Fail

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 A6F2D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

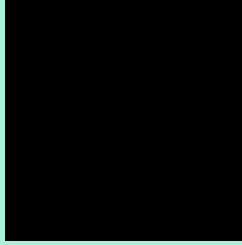
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A6F2D9 Background



This preview shows how black text looks on a background with the Hex color A6F2D9.

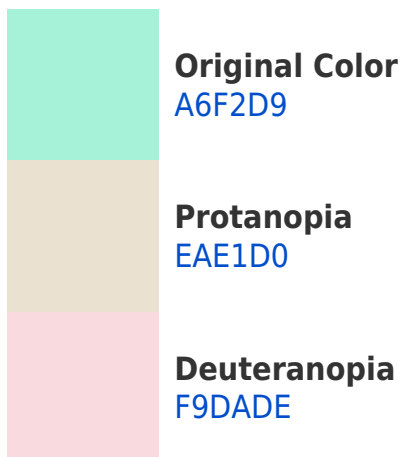


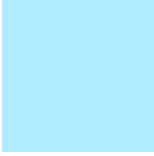
This preview shows how white text looks on a background with the Hex color A6F2D9.

# 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



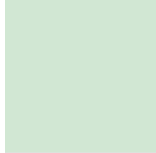


**Tritanopia**  
AFECFF

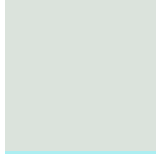
# Trichromacy



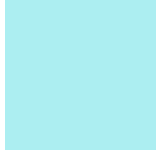
**Original Color**  
A6F2D9



**Protanomaly**  
D1E7D3

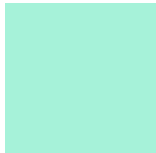


**Deuteranomaly**  
DBE3DC

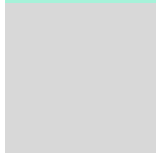


**Tritanomaly**  
ACEEF1

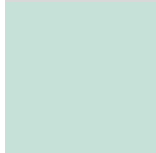
# Monochromacy



**Original Color**  
A6F2D9



**Achromatopsia**  
D8D8D8



**Achromatomaly**  
C6E1D8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6F2D9 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 #A6F2D9 looks like.

```
.text, #text, p{  
    color:#A6F2D9  
}
```

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 #A6F2D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6F2D9
}
```

## Border

The CSS property to change the border of an element to Hex A6F2D9 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
#A6F2D9 }
```

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

```
.border{ border-color:#A6F2D9 }
```

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

Here you see how a box with a 4 pixel #A6F2D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6F2D9; -webkit-box-shadow:4px 4px  
4px 4px #A6F2D9; box-shadow:4px 4px 4px  
4px #A6F2D9 }
```

# Background

The CSS property to change the background color of an element to Hex A6F2D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6F2D9 }
```

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

```
.background{ background-color:#A6F2D9 }
```

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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