

# Converting Colors

Hex(A2E6C9)

Have a look what the booklet for  
Hex(A2E6C9) contains.

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# **Color**

**Hex(A2E6C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2E6C9
RGB	162, 230, 201
RGB Percent	64%, 90%, 79%
CMY	0.3647, 0.0980, 0.2118
CMYK	0.30, 0.00, 0.13, 0.10
HSL	154°, 58%, 77%
HSV	154°, 30%, 90%
XYZ	53.7397, 68.4921, 65.6462
YIQ	206.3620, -31.2190, -23.4350

# Conversions

## Conversions Part 2

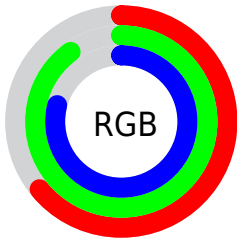
<b>Format</b>	<b>Color</b>
<b>RYB</b>	162, 205, 230
Decimal	10675913
CIELab	86.25, -27.29, 7.34
CIELCh	86, 28.261, 164.951
Yxy	68.4921, 0.2860, 0.3646
Android (android.graphics.Color)	4288865993 (0xFFA2E6C9)
YUV	206.3620, -2.6435, -38.9055
Hunter-Lab	82.7599, -28.9218, 10.9024

# Details

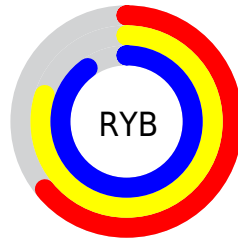
The Hex color **A2E6C9** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E6A2BF**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **DAFFFF**, and **6CAE93** is the 20% darker color. If you saturate the color by 10%, you get **8BE6BF**, and if you desaturate by 10%, it is **B9E6D3**.

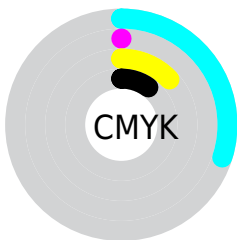
# Distribution



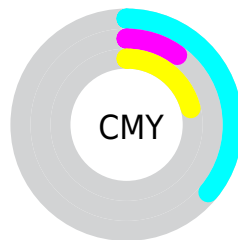
- Red (64%)
- Green (90%)
- Blue (79%)



- Red (64%)
- Yellow (80%)
- Blue (90%)



- Cyan (30%)
- Magenta (0%)
- Yellow (13%)
- Black (10%)



- Cyan (36%)
- Magenta (10%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2E6C9 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 A2E6C9 by changing the saturation by 10% instead.



 A2E6C9

 A2E6C9

FFFFFF

 87CAAE

 DAFFFF

 6CAE93

 F7FFFF

 529379

 387960

 1D6049

 004832

 00311D

 001E04

 000000

 A2E6C9

 A2E6C9

 8BE6BF

 B9E6D3

 74E6B5

 D0E6DD

 5DE6AC

 E7E6E6

 46E6A2


 FEE6F0

 2FE698

 FFE6FA

 18E68E

 FFE6FF

 01E684

 00E684

# Harmonies

## Analogous

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



BFE2B1



A2E6C9



8EE7E5

# Triad

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



A2E6C9



CAD6FF



FFC9B3

# Complementary

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



A2E6C9



E6A2BF

# 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.



FFC5CB



A2E6C9



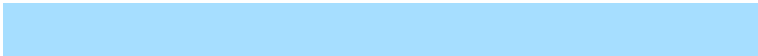
EDCCFE

# Square

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



A2E6C9



A6DEFF



FFC6E6



F8D1A5

# Rectangle

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



A2E6C9



8BE6F5



FFC6E6



FFC7BA



# Sweetspot

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



A2E6C9



E8FFF5



BFE6A2



71807A



000000



808080

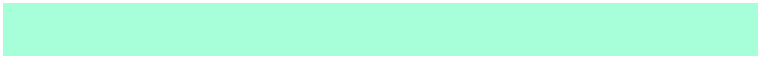


# Same Dimension

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



A2E6C9



A6FFD9



A2E1E6



67736E



00B366



00331D



# Inverse Universe

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



E6A2BF



FFA6CC



E6A7A2



73676C



B3004C

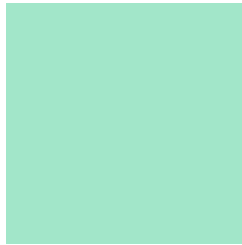


330016



# Previews

## White Background



This preview shows how the Hex color A2E6C9 looks on a white background.

## Color Contrast Check

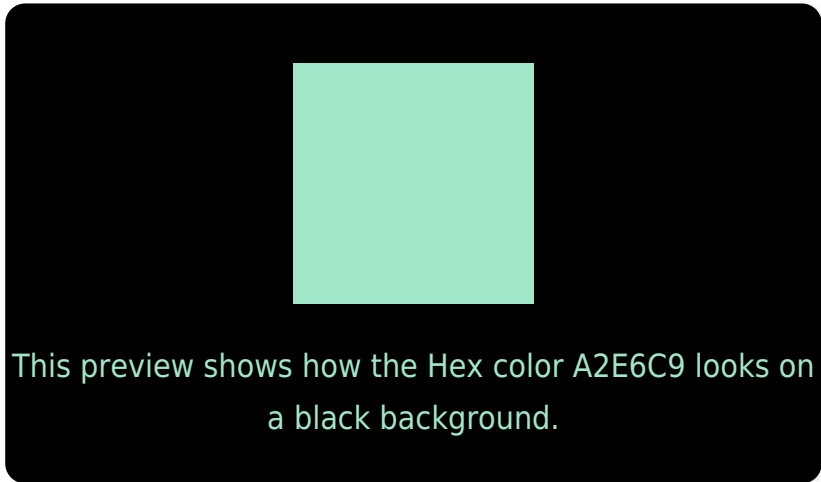
Large Text (above 18pt) WCAG AA × Fail

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

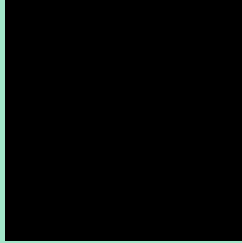
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

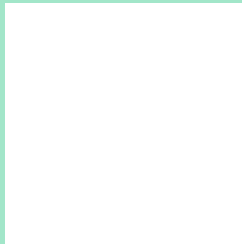
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A2E6C9 Background



This preview shows how black text looks on a background with the Hex color A2E6C9.

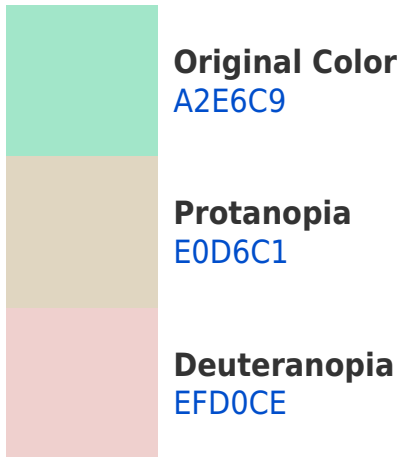


This preview shows how white text looks on a background with the Hex color A2E6C9.

# Color Blindness Simulation

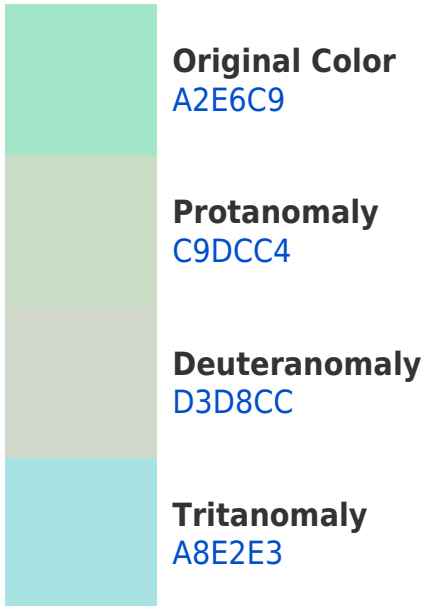
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

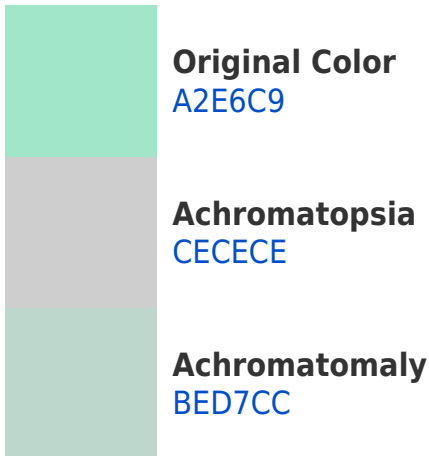




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2E6C9 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 #A2E6C9 looks like.

```
.text, #text, p{  
    color:#A2E6C9  
}
```

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 #A2E6C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2E6C9  
}
```

## Border

The CSS property to change the border of an element to Hex A2E6C9 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  
#A2E6C9 }
```

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

```
.border{ border-color:#A2E6C9 }
```

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

Here you see how a box with a 4 pixel #A2E6C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2E6C9; -webkit-box-shadow:4px 4px  
4px 4px #A2E6C9; box-shadow:4px 4px 4px  
4px #A2E6C9 }
```

# Background

The CSS property to change the background color of an element to Hex A2E6C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2E6C9 }
```

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

```
.background{ background-color:#A2E6C9 }
```

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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