

Converting Colors

Hex(A4E6B9)

Have a look what the booklet for
Hex(A4E6B9) contains.

Hex(A4E6B9)	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(A4E6B9)

Conversions

Conversions Part 1

Format	Color
Hex	A4E6B9
RGB	164, 230, 185
RGB Percent	64%, 90%, 73%
CMY	0.3569, 0.0980, 0.2745
CMYK	0.29, 0.00, 0.20, 0.10
HSL	139°, 57%, 77%
HSV	139°, 29%, 90%
XYZ	52.3636, 67.9889, 56.2623
YIQ	205.1360, -24.8910, -27.9870

Conversions

Conversions Part 2

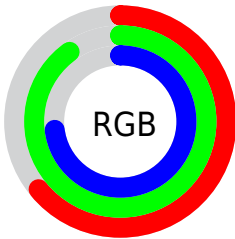
Format	Color
RYB	164, 214, 230
Decimal	10806969
CIELab	86.00, -29.77, 15.37
CIELCh	86, 33.504, 152.688
Yxy	67.9889, 0.2965, 0.3850
Android (android.graphics.Color)	4288997049 (0xFFA4E6B9)
YUV	205.1360, -9.9270, -36.0763
Hunter-Lab	82.4554, -30.9398, 17.2631

Details

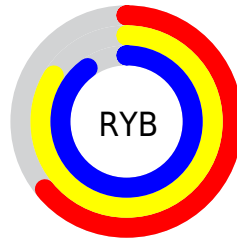
The Hex color **A4E6B9** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E6A4D1**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **DCFFF1**, and **6EAE84** is the 20% darker color. If you saturate the color by 10%, you get **8DE6A9**, and if you desaturate by 10%, it is **BBE6C9**.

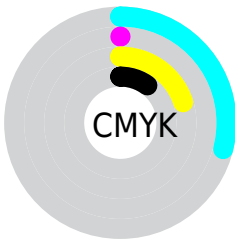
Distribution



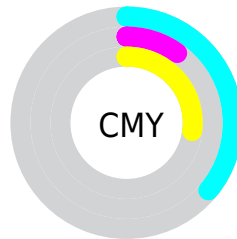
- Red (64%)
- Green (90%)
- Blue (73%)



- Red (64%)
- Yellow (84%)
- Blue (90%)



- Cyan (29%)
- Magenta (0%)
- Yellow (20%)
- Black (10%)



- Cyan (36%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color A4E6B9 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 A4E6B9 by changing the saturation by 10% instead.

 A4E6B9

 A4E6B9

FFFFFF

 89CA9E

 DCFFF1

 6EAE84

 F9FFFF

 54936B

 3B7952

 20603B

 004825

 003110

 001D00

 000000

 A4E6B9

 A4E6B9

 8DE6A9

 BBE6C9

 76E69A

 D2E6D8

 5FE68A

 E9E6E8

 48E67A

 FFE6F8

 31E66B

 FFE6FF

 1AE65B

 03E64B

 00E649

Harmonies

Analogous

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



C9DFA1



A4E6B9



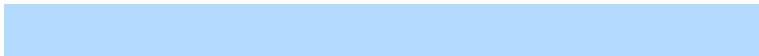
83E9D9

Triad

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



A4E6B9



B3D9FF



FFC3B6

Complementary

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



A4E6B9



E6A4D1

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.



FFC0D5



A4E6B9



E0CEFF

Square

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



A4E6B9



88E2FF



FFC4F5



FFCBA0

Rectangle

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



A4E6B9



76E8EE



FFC4F5



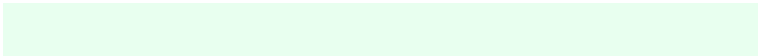
FFC1C0

Sweetspot

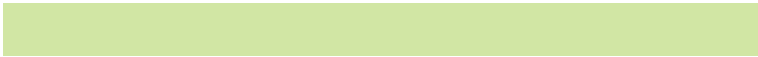
The Sweet Spot groups the original color and five complimentary colors.



A4E6B9



E8FFEF



D1E6A4



718076



000000



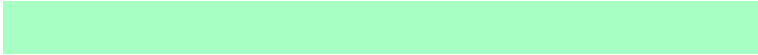
808080

Same Dimension

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



A4E6B9



A8FFC4



A4E6DA



67736B



00B339



003310

Inverse Universe

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



E6A4D1



FFA8E3



E6A4B0



73676F



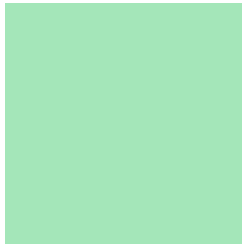
B3007A



330023

Previews

White Background



This preview shows how the Hex color A4E6B9 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 A4E6B9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

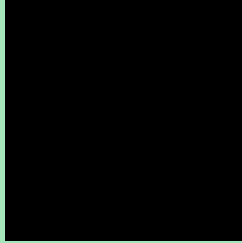
Any Text WCAG AA ✓ Pass

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 A4E6B9 Background



This preview shows how black text looks on a background with the Hex color A4E6B9.

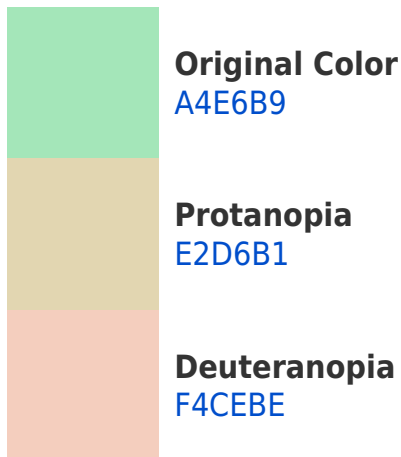


This preview shows how white text looks on a background with the Hex color A4E6B9.

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](#).

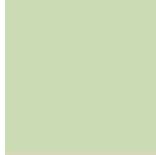
Dichromacy



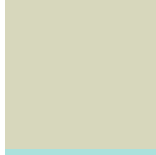
Trichromacy



Original Color
A4E6B9



Protanomaly
CBDCB4



Deuteranomaly
D7D7BC

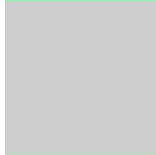


Tritanomaly
ABE1DC

Monochromacy



Original Color
A4E6B9



Achromatopsia
CDCDCD



Achromatomaly
BED6C6

CSS Examples

Text

The CSS property to change the color of the text to Hex A4E6B9 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 #A4E6B9 looks like.

```
.text, #text, p{  
    color:#A4E6B9  
}
```

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 #A4E6B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4E6B9
}
```

Border

The CSS property to change the border of an element to Hex A4E6B9 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
#A4E6B9 }
```

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

```
.border{ border-color:#A4E6B9 }
```

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

Here you see how a box with a 4 pixel #A4E6B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4E6B9; -webkit-box-shadow:4px 4px  
4px 4px #A4E6B9; box-shadow:4px 4px 4px  
4px #A4E6B9 }
```

Background

The CSS property to change the background color of an element to Hex A4E6B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4E6B9 }
```

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

```
.background{ background-color:#A4E6B9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor