

Converting Colors

Hex(AACCFE)

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

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Color

Hex(AACCFF)

Conversions

Conversions Part 1

Format	Color
Hex	AACCFE
RGB	170, 204, 255
RGB Percent	67%, 80%, 100%
CMY	0.3333, 0.2000, 0.0000
CMYK	0.33, 0.20, 0.00, 0.00
HSL	216°, 100%, 83%
HSV	216°, 33%, 100%
XYZ	56.2204, 58.9518, 103.0234
YIQ	199.6480, -36.6350, 8.6530

Conversions

Conversions Part 2

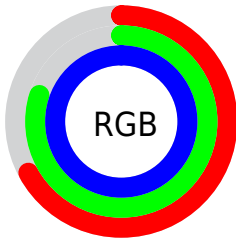
Format	Color
R _Y B	170, 194, 255
Decimal	11193599
CIE Lab	81.27, 0.47, -28.65
CIE LCh	81, 28.651, 270.939
Yxy	58.9518, 0.2577, 0.2702
Android (android.graphics.Color)	4289383679 (0xFFAACDFF)
YUV	199.6480, 27.2885, -26.0013
Hunter-Lab	76.7801, -3.6626, -25.8092

Details

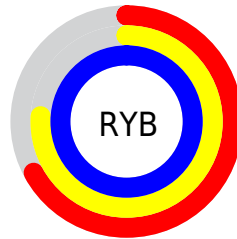
The Hex color **AACCFE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFDDAA**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **E3FFFF**, and **7396C6** is the 20% darker color. If you saturate the color by 10%, you get **91BDFF**, and if you desaturate by 10%, it is **C3DBFF**.

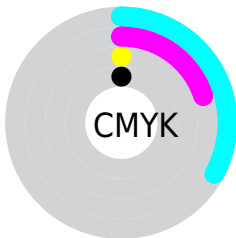
Distribution



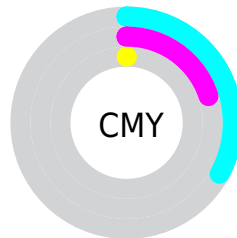
- Red (67%)
- Green (80%)
- Blue (100%)



- Red (67%)
- Yellow (76%)
- Blue (100%)



- Cyan (33%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 AACCFE

 AACCFE

FFFFFF

 8EB1E2

 E3FFFF

 7396C6


 587CAB

 3E6390

 214C76

 00355D

 002045

 00082F

 00011A

 AACCCF

 AACCCF

 91BDFF

 C3DBFF

 77ADFF

 DDEBFF


 5E9EFF

 F7FAFF

 448FFF

FFFFFF

 2A80FF

 1170FF

 0066FF

Harmonies

Analogous

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



89D4F8



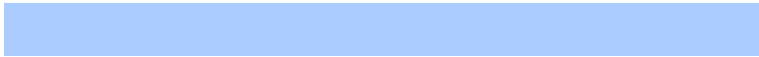
AACFF



CFC3F8

Triad

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



AACFF



FFB8B0



A1D6AF

Complementary

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



AACFF



FFDDAA

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.



C0D19B



AACFF



F3BF9C

Square

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



AACFF



FEB6CA



DDC894



86D9CA

Rectangle

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



AACFF



E4BDEC



DDC894



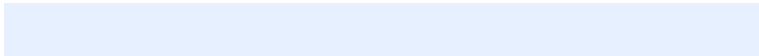
ABD5A7

Sweetspot

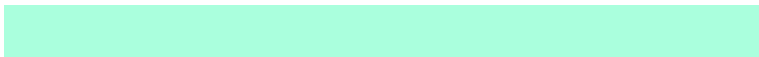
The Sweet Spot groups the original color and five complimentary colors.



AACCFE



E6F0FF



AAFFDD



707680



000000



808080

Same Dimension

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



AACFF



99C2FF



B1AFFF



737880



004DBF



001A40

Inverse Universe

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



FFAACC



FF99C2



F7FFAA



807378



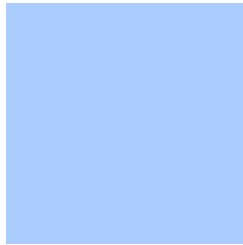
BF004C



400019

Previews

White Background



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

Color Contrast Check

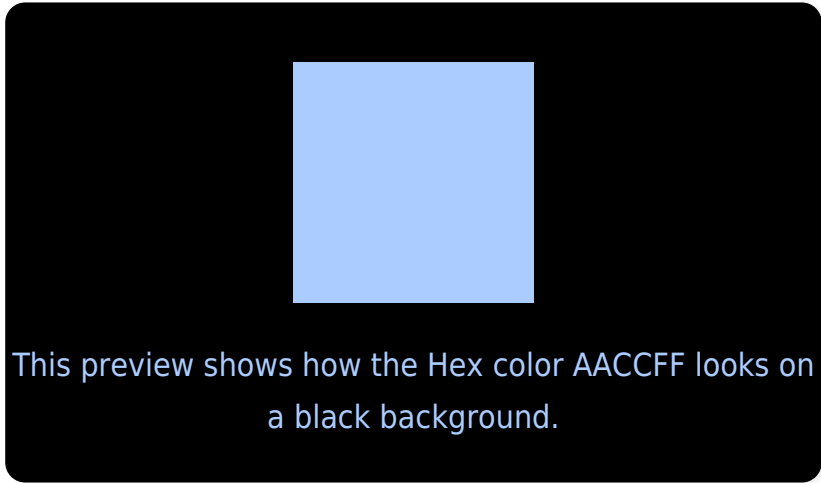
Large Text (above 18pt) WCAG AA × Fail

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

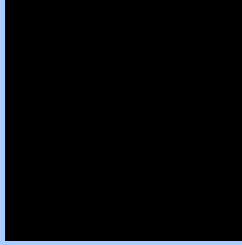
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

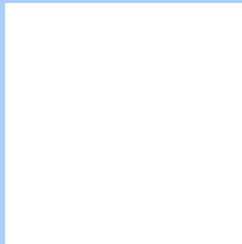
Any Text WCAG AAA ✓ Pass

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

Hex AACCFE Background



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

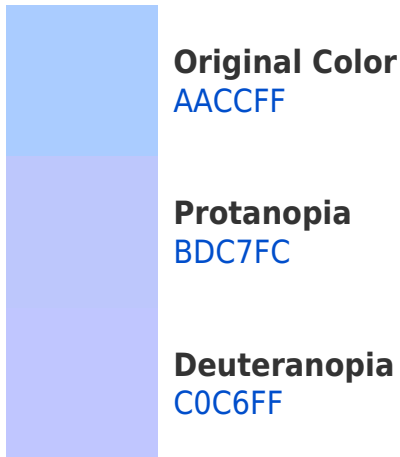


This preview shows how white text looks on a background with the Hex color AACCFE.

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](#).

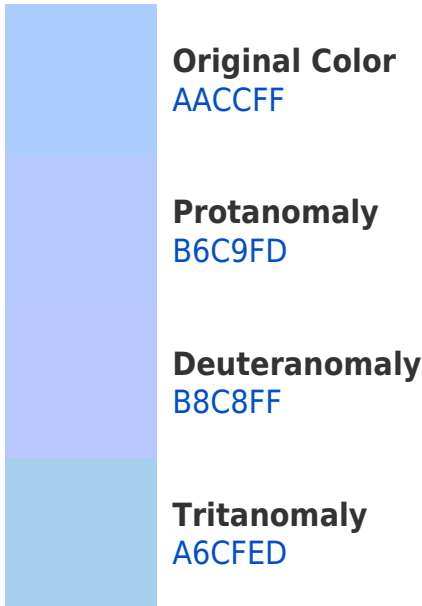
Dichromacy



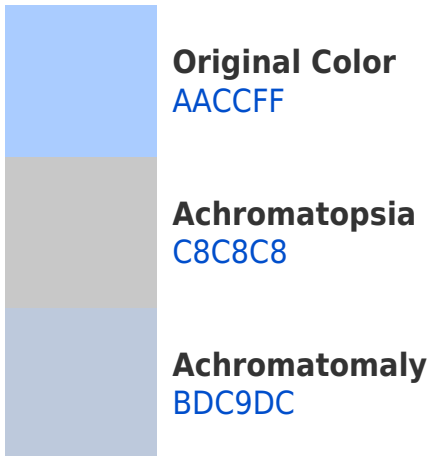


Tritanopia
A3D1E2

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #AACCCF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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