

Converting Colors

Hex(4AA7FF)

Have a look what the booklet for
Hex(4AA7FF) contains.

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Color

Hex(4AA7FF)

Conversions

Conversions Part 1

Format	Color
Hex	4AA7FF
RGB	74, 167, 255
RGB Percent	29%, 65%, 100%
CMY	0.7098, 0.3451, 0.0000
CMYK	0.71, 0.35, 0.00, 0.00
HSL	209°, 100%, 65%
HSV	209°, 71%, 100%
XYZ	34.6928, 36.3133, 99.7884
YIQ	149.2250, -83.6760, 7.6520

Conversions

Conversions Part 2

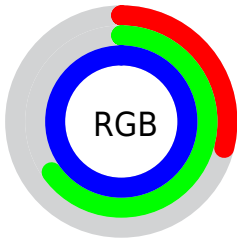
Format	Color
R_{YB}	74, 135, 255
Decimal	4892671
CIE _{Lab}	66.76, 0.61, -51.58
CIE _{LCh}	67, 51.585, 270.680
Yxy	36.3133, 0.2031, 0.2126
Android (android.graphics.Color)	4283082751 (0xFF4AA7FF)
YUV	149.2250, 52.1471, -65.9723
Hunter-Lab	60.2605, -2.6911, -55.9990

Details

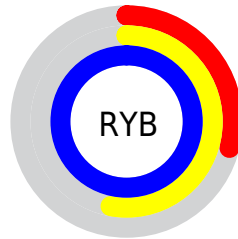
The Hex color **4AA7FF** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FFA24A**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **8EDEFF**, and **0074C6** is the 20% darker color. If you saturate the color by 10%, you get **319BFF**, and if you desaturate by 10%, it is **64B3FF**.

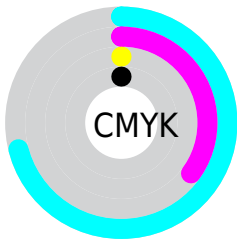
Distribution



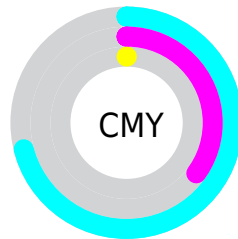
- Red (29%)
- Green (65%)
- Blue (100%)



- Red (29%)
- Yellow (53%)
- Blue (100%)



- Cyan (71%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4AA7FF 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 4AA7FF by changing the saturation by 10% instead.

 4AA7FF

 4AA7FF

FFFFFF

 178DE2

 8EDEFF

 0074C6

 ADFAFF

 005BAA

 CCFFFF

 00448F

 EBFFFF

 002F75

 001B5C


 000744

 00032D

 000117

 4AA7FF

 4AA7FF

 319BFF

 64B3FF

 178EFF

 7DC0FF

 0083FF

 97CCFF

 B0D9FF

 CAE5FF

 E3F1FF

 FDFEFF

FFFFFF

Harmonies

Analogous

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



00B3F3



4AA7FF



A696F2

Triad

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



4AA7FF



F68076



4FB673

Complementary

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



4AA7FF



FFA24A

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.



8DAE4F



4AA7FF



E18F52

Square

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



4AA7FF



F67AA3



BCA042



00BAA2

Rectangle

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



4AA7FF



CD89DE



BCA042



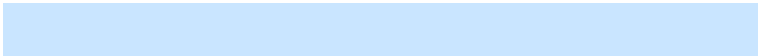
67B465

Sweetspot

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



4AA7FF



C9E5FF



4AFFA1



607080



000000



808080

Same Dimension

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



4AA7FF



2696FF



4A4DFF



737980



0062BF



002140

Inverse Universe

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



FF4AA7



FF2696



FFFC4A



807379



BF0062



400021

Previews

White Background



This preview shows how the Hex color 4AA7FF looks on a white background.

Color Contrast Check

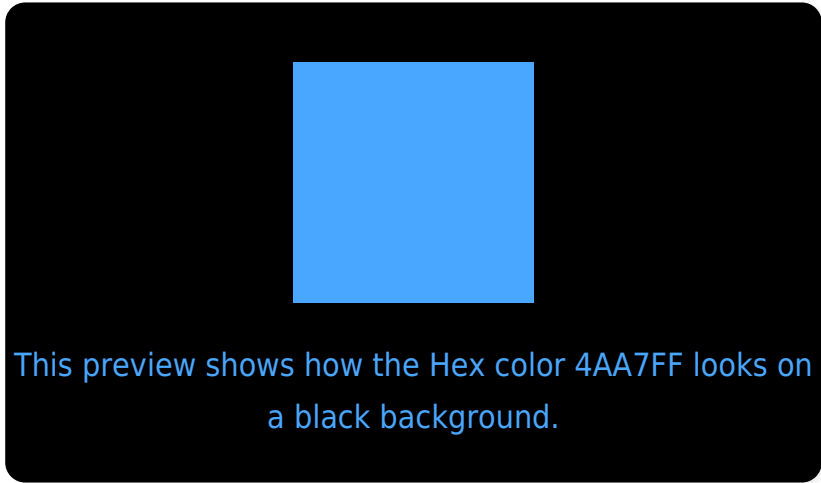
Large Text (above 18pt) WCAG AA × Fail

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

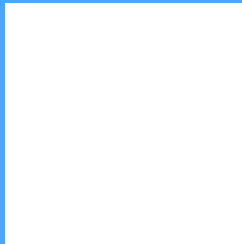
Any Text WCAG AAA ✓ Pass

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

Hex 4AA7FF Background



This preview shows how black text looks on a background with the Hex color 4AA7FF.



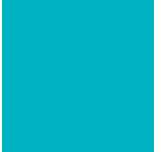
This preview shows how white text looks on a background with the Hex color 4AA7FF.

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](#).

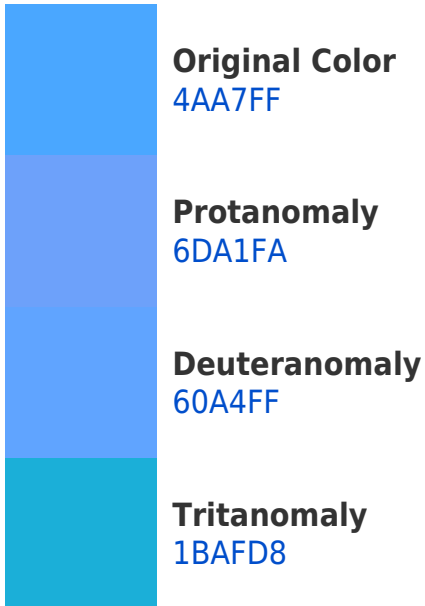
Dichromacy



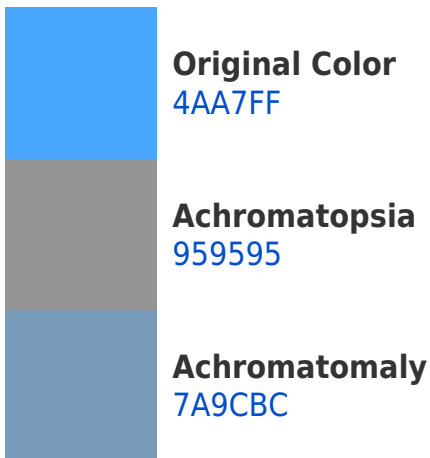


Tritanopia
00B3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4AA7FF 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 #4AA7FF looks like.

```
.text, #text, p{  
    color:#4AA7FF  
}
```

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 #4AA7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AA7FF  
}
```

Border

The CSS property to change the border of an element to Hex 4AA7FF 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  
#4AA7FF }
```

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

```
.border{ border-color:#4AA7FF }
```

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

Here you see how a box with a 4 pixel #4AA7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AA7FF; -webkit-box-shadow:4px 4px  
4px 4px #4AA7FF; box-shadow:4px 4px 4px  
4px #4AA7FF }
```

Background

The CSS property to change the background color of an element to Hex 4AA7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AA7FF }
```

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

```
.background{ background-color:#4AA7FF }
```

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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