

Converting Colors

Hex(49ABFF)

Have a look what the booklet for
Hex(49ABFF) contains.

Hex(49ABFF)	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(49ABFF)

Conversions

Conversions Part 1

Format	Color
Hex	49ABFF
RGB	73, 171, 255
RGB Percent	29%, 67%, 100%
CMY	0.7137, 0.3294, 0.0000
CMYK	0.71, 0.33, 0.00, 0.00
HSL	208°, 100%, 64%
HSV	208°, 71%, 100%
XYZ	35.3606, 37.7623, 100.0329
YIQ	151.2740, -85.3720, 5.3480

Conversions

Conversions Part 2

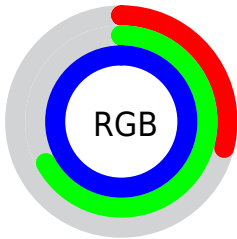
Format	Color
R_{YB}	73, 137, 255
Decimal	4828159
CIE _{Lab}	67.85, -1.79, -49.87
CIE _{LCh}	68, 49.899, 267.942
Yxy	37.7623, 0.2042, 0.2181
Android (android.graphics.Color)	4283018239 (0xFF49ABFF)
YUV	151.2740, 51.1369, -68.6463
Hunter-Lab	61.4510, -4.8256, -53.4994

Details

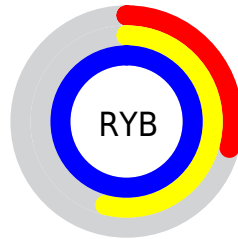
The Hex color **49ABFF** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FF9D49**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **8DE2FF**, and **0077C6** is the 20% darker color. If you saturate the color by 10%, you get **309FFF**, and if you desaturate by 10%, it is **62B7FF**.

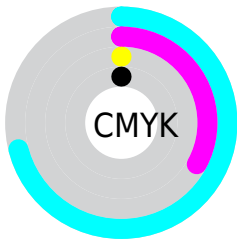
Distribution



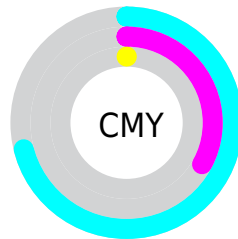
- Red (29%)
- Green (67%)
- Blue (100%)



- Red (29%)
- Yellow (54%)
- Blue (100%)



- Cyan (71%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49ABFF 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 49ABFF by changing the saturation by 10% instead.

 49ABFF

 49ABFF

FFFFFF

 1491E2

 8DE2FF

 0077C6

 ACFFFF

 005FAA

 CBFFFF

 00488F

 EAFFFF

 003275

 001E5C

 000744

 00032D

 000117

■ 49ABFF

■ 49ABFF

■ 309FFF

■ 62B7FF

■ 1693FF

■ 7CC3FF

■ 0089FF

■ 95CEFF

■ AFDAFF

■ C9E6FF

■ E2F2FF

■ FBFDFD

FFFFFF

Harmonies

Analogous

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



00B6F1



49ABFF



A39BF5

Triad

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



49ABFF



F8837E



5DB874

Complementary

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



49ABFF



FF9D49

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.



95AF52



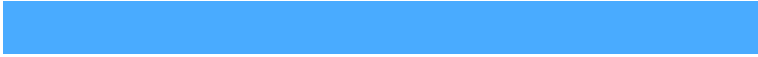
49ABFF



E5915A

Square

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



49ABFF



F67FAA



C2A248



00BCA1

Rectangle

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



49ABFF



CB8FE2



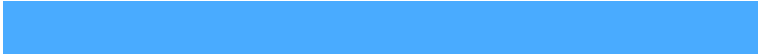
C2A248



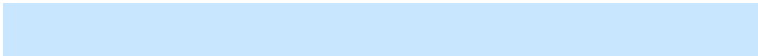
72B567

Sweetspot

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



49ABFF



C9E6FF



49FF9B



607180



000000



808080

Same Dimension

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



49ABFF



249AFF



4952FF



737A80



0067BF



002240

Inverse Universe

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



FF49AB



FF249A



FFF649



80737A



BF0067



400022

Previews

White Background



This preview shows how the Hex color 49ABFF looks on a white background.

Color Contrast Check

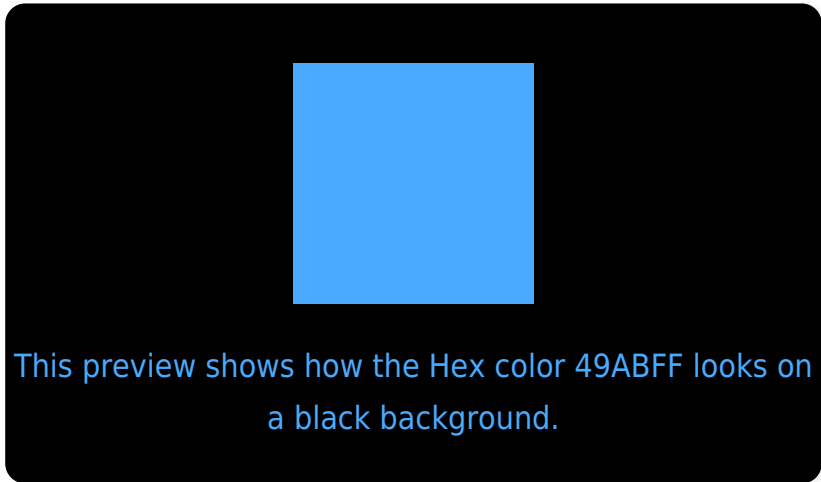
Large Text (above 18pt) WCAG AA × Fail

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

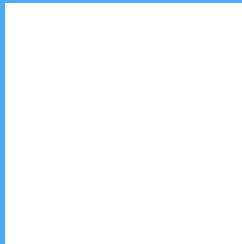
Any Text WCAG AAA ✓ Pass

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

Hex 49ABFF Background



This preview shows how black text looks on a background with the Hex color 49ABFF.

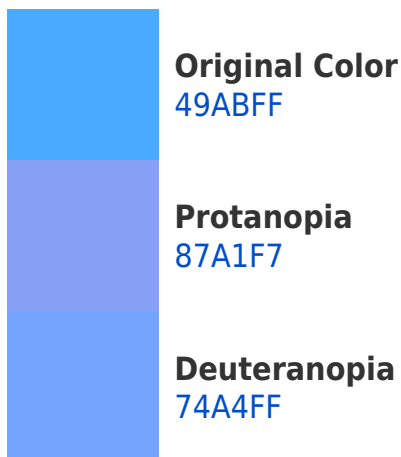


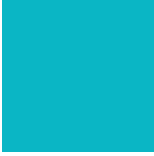
This preview shows how white text looks on a background with the Hex color 49ABFF.

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](#).

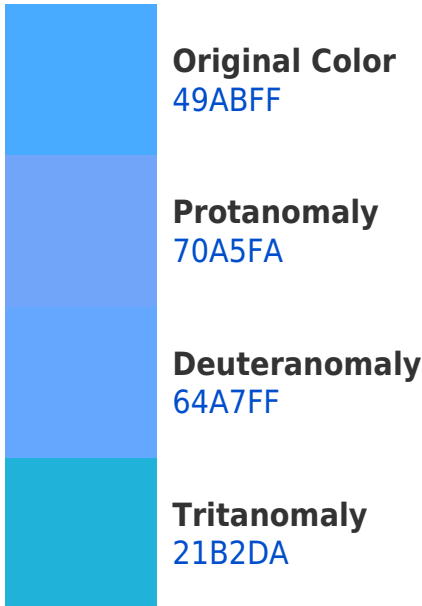
Dichromacy



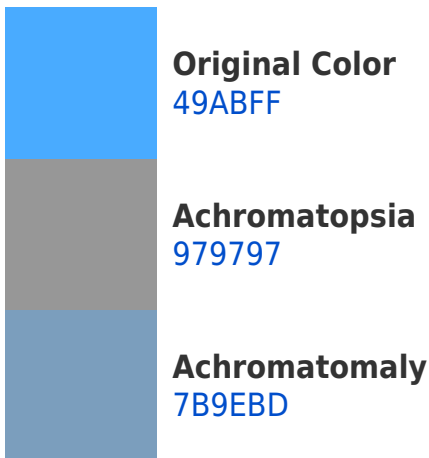


Tritanopia
0AB6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49ABFF 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 #49ABFF looks like.

```
.text, #text, p{  
    color:#49ABFF  
}
```

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 #49ABFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49ABFF
}
```

Border

The CSS property to change the border of an element to Hex 49ABFF 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
#49ABFF }
```

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

```
.border{ border-color:#49ABFF }
```

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

Here you see how a box with a 4 pixel #49ABFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49ABFF; -webkit-box-shadow:4px 4px  
4px 4px #49ABFF; box-shadow:4px 4px 4px  
4px #49ABFF }
```

Background

The CSS property to change the background color of an element to Hex 49ABFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49ABFF }
```

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

```
.background{ background-color:#49ABFF }
```

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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