

Converting Colors

Hex(AC58FF)

Have a look what the booklet for
Hex(AC58FF) contains.

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Color

Hex(AC58FF)

Conversions

Conversions Part 1

Format	Color
Hex	AC58FF
RGB	172, 88, 255
RGB Percent	67%, 35%, 100%
CMY	0.3255, 0.6549, 0.0000
CMYK	0.33, 0.65, 0.00, 0.00
HSL	270°, 100%, 67%
HSV	270°, 65%, 100%
XYZ	38.5530, 22.9701, 97.0094
YIQ	132.1540, -3.5430, 69.7450

Conversions

Conversions Part 2

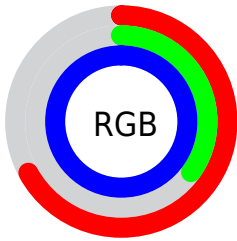
Format	Color
R _{YB}	172, 88, 255
Decimal	11294975
CIE _{Lab}	55.04, 63.91, -69.96
CIE _{LCh}	55, 94.757, 312.410
Y _{xy}	22.9701, 0.2432, 0.1449
Android (android.graphics.Color)	4289485055 (0xFFAC58FF)
Y _{UV}	132.1540, 60.5631, 34.9449
Hunter-Lab	47.9271, 59.7144, -86.4601

Details

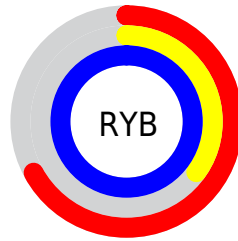
The Hex color **AC58FF** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **ABFF58**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **E88FFF**, and **711FC5** is the 20% darker color. If you saturate the color by 10%, you get **9F3FFF**, and if you desaturate by 10%, it is **B972FF**.

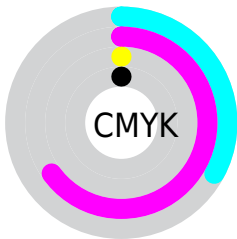
Distribution



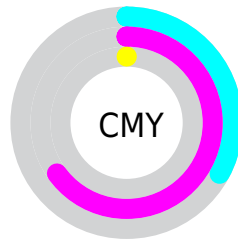
- Red (67%)
- Green (35%)
- Blue (100%)



- Red (67%)
- Yellow (35%)
- Blue (100%)



- Cyan (33%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC58FF 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 AC58FF by changing the saturation by 10% instead.

 AC58FF

 AC58FF

FFFFFF

 8F3DE2

 E88FFF

 711FC5

 FFAAFF

 5300A9

 FFC7FF

 33008E

 FFE4FF

 040073

 00005A

 000741

 00032A

 000114

■ AC58FF

■ AC58FF

■ 9F3FFF

■ B972FF

■ 9325FF

■ C58BFF

■ 860CFF

■ D2A5FF

■ 8000FF

■ DFBEFF

■ EBD8FF

■ F8F1FF

FFFFFF

Harmonies

Analogous

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



0084FF



AC58FF



F900B7

Triad

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



AC58FF



C76D00



00A5A5

Complementary

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



AC58FF



ABFF58

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.



00A24E



AC58FF



828B00

Square

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



AC58FF



F9380F



009B00



00A4F2

Rectangle

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



AC58FF



FF0081



009B00



00A488

Sweetspot

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



AC58FF



E6CCFF



58ACFF



706180



000000



808080

Same Dimension

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



AC58FF



9B36FF



FF58FF



797380



6000BF



200040

Inverse Universe

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



FF58AB



FF369A



58FF58



807379



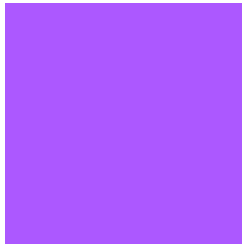
BF005F



400020

Previews

White Background



This preview shows how the Hex color AC58FF looks on a white background.

Color Contrast Check

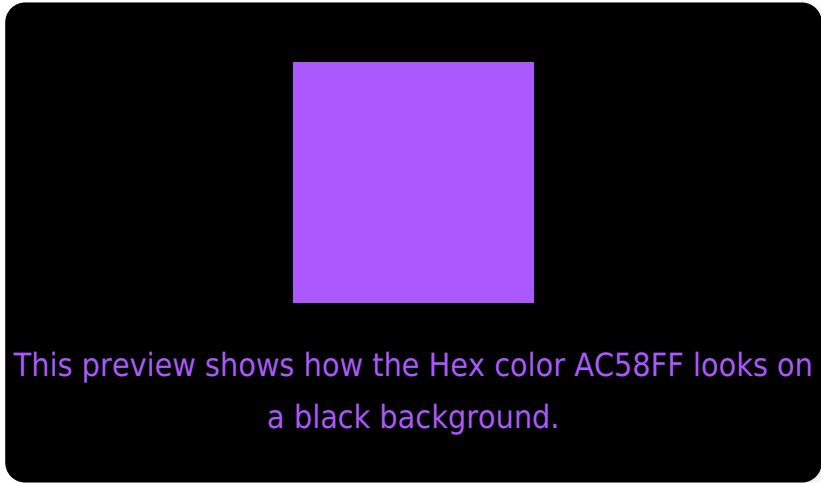
Large Text (above 18pt) WCAG AA ✓ Pass

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

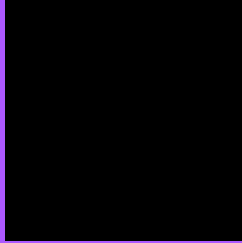
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex AC58FF Background



This preview shows how black text looks on a background with the Hex color AC58FF.



This preview shows how white text looks on a background with the Hex color AC58FF.

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](#).

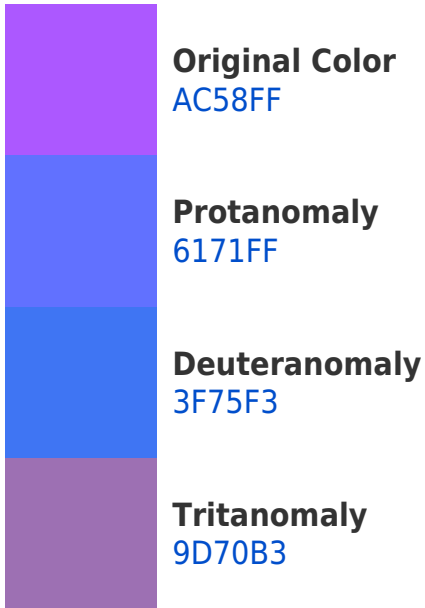
Dichromacy





Tritanopia
957D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC58FF 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 #AC58FF looks like.

```
.text, #text, p{  
    color:#AC58FF  
}
```

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 #AC58FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC58FF
}
```

Border

The CSS property to change the border of an element to Hex AC58FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

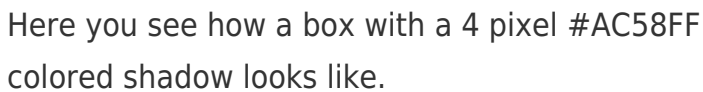
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC58FF }
```

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

```
.border{ border-color:#AC58FF }
```

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



Here you see how a box with a 4 pixel `#AC58FF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC58FF; -webkit-box-shadow:4px 4px  
4px 4px #AC58FF; box-shadow:4px 4px 4px  
4px #AC58FF }
```

Background

The CSS property to change the background color of an element to Hex AC58FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC58FF }
```

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

```
.background{ background-color:#AC58FF }
```

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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