

Converting Colors

Hex(AC90F5)

Have a look what the booklet for
Hex(AC90F5) contains.

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Color

Hex(AC90F5)

Conversions

Conversions Part 1

Format	Color
Hex	AC90F5
RGB	172, 144, 245
RGB Percent	67%, 56%, 96%
CMY	0.3255, 0.4353, 0.0392
CMYK	0.30, 0.41, 0.00, 0.04
HSL	257°, 83%, 76%
HSV	257°, 41%, 96%
XYZ	43.4679, 35.3097, 90.9107
YIQ	163.8860, -15.7330, 37.3470

Conversions

Conversions Part 2

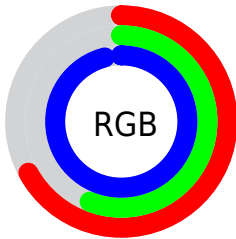
Format	Color
RYB	172, 144, 245
Decimal	11309301
CIELab	65.99, 31.82, -46.97
CIELCh	66, 56.733, 304.120
Yxy	35.3097, 0.2562, 0.2081
Android (android.graphics.Color)	4289499381 (0xFFAC90F5)
YUV	163.8860, 39.9892, 7.1160
Hunter-Lab	59.4220, 26.5865, -49.1133

Details

The Hex color **AC90F5** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D9F590**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **E5C6FF**, and **755DBC** is the 20% darker color. If you saturate the color by 10%, you get **9A78F5**, and if you desaturate by 10%, it is **BEA9F5**.

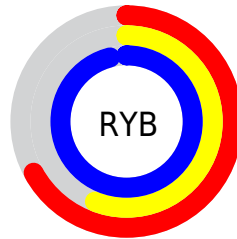
Distribution



Red (67%)

Green (56%)

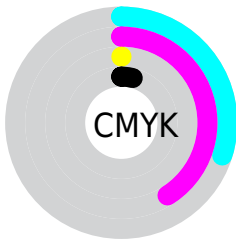
Blue (96%)



Red (67%)

Yellow (56%)

Blue (96%)

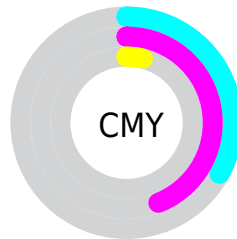


Cyan (30%)

Magenta (41%)

Yellow (0%)

Black (4%)



Cyan (33%)

Magenta (44%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC90F5 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 AC90F5 by changing the saturation by 10% instead.

 AC90F5

 AC90F5

FFFFFF

 9076D8

 E5C6FF

 755DBC

 FFE2FF

 5A45A1

 3F2E86

 22186C

 000353

 00003C

 000225

 00010D

■ AC90F5

■ AC90F5

■ 9A78F5

■ BEA9F5

■ 895FF5

■ CFC1F5

■ 7746F5

■ E1DAF5

■ 652EF5

■ F3F2F5

■ 5315F5

■ FFFFF5

■ 4400F5

Harmonies

Analogous

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



43A4FF



AC90F5



E47CCE

Triad

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



AC90F5



DF8D43



00B9A6

Complementary

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



AC90F5



D9F590

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.



31B672



AC90F5



B6A033

Square

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



AC90F5



F97B6A



81AE47



00B8D8

Rectangle

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



AC90F5



F874AD



81AE47



00B994

Sweetspot

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



AC90F5



E9E0FF



90DAF5



736E80



000000



808080

Same Dimension

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



AC90F5



A582FF



DD90F5



726E7A



3400BA



10003B

Inverse Universe

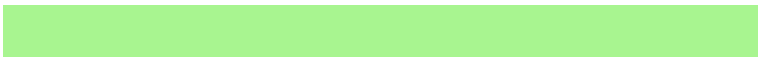
The Inverse Universe completely reimagines the original color for something new.



F590D9



FF82DC



A8F590



7A6E77



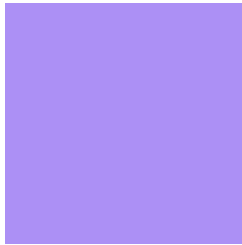
BA0087



3B002A

Previews

White Background



This preview shows how the Hex color AC90F5 looks on a white background.

Color Contrast Check

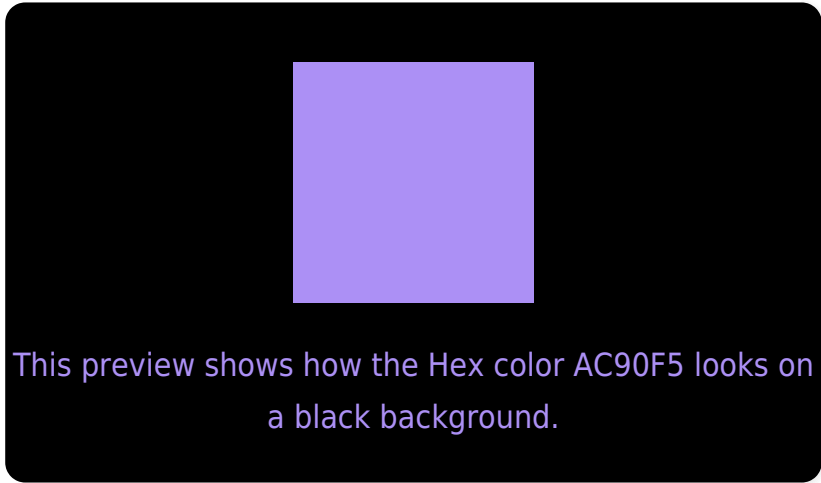
Large Text (above 18pt) WCAG AA × Fail

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 AC90F5 Background



This preview shows how black text looks on a background with the Hex color AC90F5.

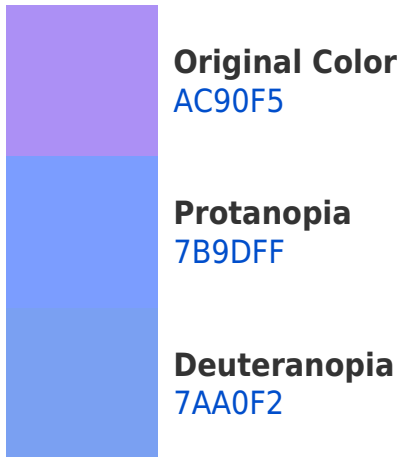


This preview shows how white text looks on a background with the Hex color AC90F5.

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](#).

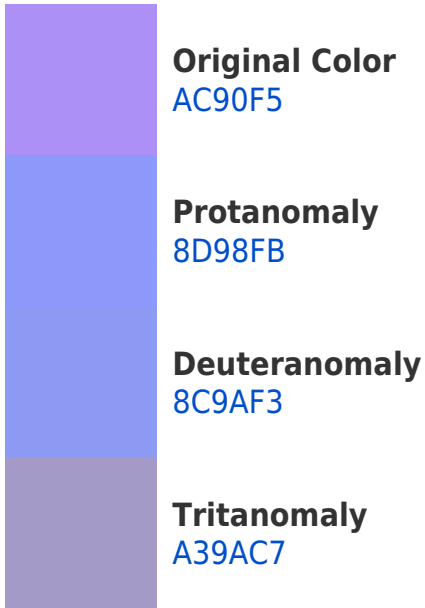
Dichromacy



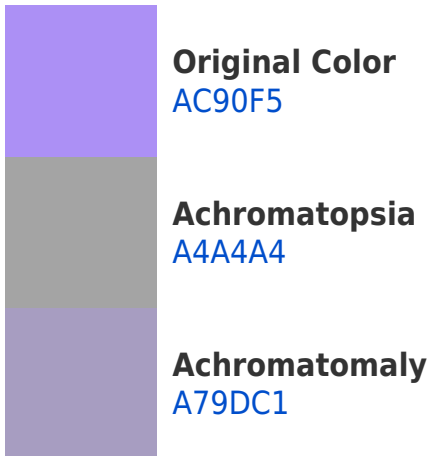


Tritanopia
9EA0AC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC90F5 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 #AC90F5 looks like.

```
.text, #text, p{  
    color:#AC90F5  
}
```

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 #AC90F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC90F5  
}
```

Border

The CSS property to change the border of an element to Hex AC90F5 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  
#AC90F5 }
```

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

```
.border{ border-color:#AC90F5 }
```

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

Here you see how a box with a 4 pixel #AC90F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC90F5; -webkit-box-shadow:4px 4px  
4px 4px #AC90F5; box-shadow:4px 4px 4px  
4px #AC90F5 }
```

Background

The CSS property to change the background color of an element to Hex AC90F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC90F5 }
```

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

```
.background{ background-color:#AC90F5 }
```

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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