

Converting Colors

Hex(AC12F5)

Have a look what the booklet for
Hex(AC12F5) contains.

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Color

Hex(AC12F5)

Conversions

Conversions Part 1

Format	Color
Hex	AC12F5
RGB	172, 18, 245
RGB Percent	67%, 7%, 96%
CMY	0.3255, 0.9294, 0.0392
CMYK	0.30, 0.93, 0.00, 0.04
HSL	281°, 92%, 52%
HSV	281°, 93%, 96%
XYZ	33.7110, 15.7958, 87.6583
YIQ	89.9240, 18.9170, 103.2450

Conversions

Conversions Part 2

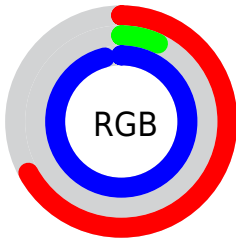
Format	Color
R_{YB}	172, 18, 245
Decimal	11277045
CIE _{Lab}	46.71, 83.65, -77.94
CIE _{LCh}	47, 114.331, 317.021
Yxy	15.7958, 0.2458, 0.1152
Android (android.graphics.Color)	4289467125 (0xFFAC12F5)
YUV	89.9240, 76.4525, 71.9807
Hunter-Lab	39.7440, 81.8524, -102.9478

Details

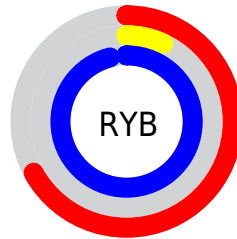
The Hex color **AC12F5** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **5BF512**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **E95EFF**, and **6F00BB** is the 20% darker color. If you saturate the color by 10%, you get **A600F5**, and if you desaturate by 10%, it is **B42BF5**.

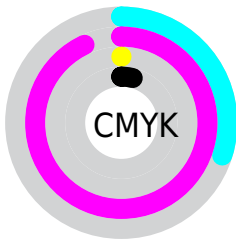
Distribution



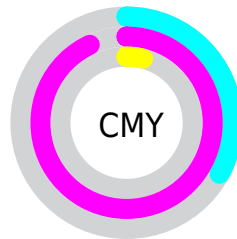
- Red (67%)
- Green (7%)
- Blue (96%)



- Red (67%)
- Yellow (7%)
- Blue (96%)



- Cyan (30%)
- Magenta (93%)
- Yellow (0%)
- Black (4%)



- Cyan (33%)
- Magenta (93%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC12F5 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 AC12F5 by changing the saturation by 10% instead.

 AC12F5

 AC12F5

FFFFFF

 8E00D8

 E95EFF

 6F00BB

 FF7CFF

 50009F

 FF9AFF

 2E0084

 FFB7FF

 00006A

 FFD5FF

 000051

 FFF3FF

 000538

 000222

 000008

 AC12F5

 AC12F5

 A600F5

 B42BF5

 BC43F5

 C45CF5

 CC74F5

 D38DF5

 DBA5F5

 E3BEF5

 EBD6F5

 F3EFF5

Harmonies

Analogous

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



006BFF



AC12F5



FB009D

Triad

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



AC12F5



A95B00



0091A5

Complementary

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



AC12F5



5BF512

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.



008E3F



AC12F5



527B00

Square

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



AC12F5



E70000



008900



0091FD

Rectangle

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



AC12F5



FF005E



008900



009084

Sweetspot

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



AC12F5



E8B8FF



125EF5



725480



000000



808080

Same Dimension

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



AC12F5



AD00FF



F512CF



766E7A



7E00BA



28003B

Inverse Universe

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



F5125B



FF0052



12F538



7A6E72



BA003C



3B0013

Previews

White Background



This preview shows how the Hex color AC12F5 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

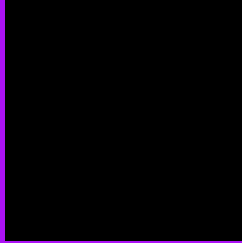
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex AC12F5 Background



This preview shows how black text looks on a background with the Hex color AC12F5.

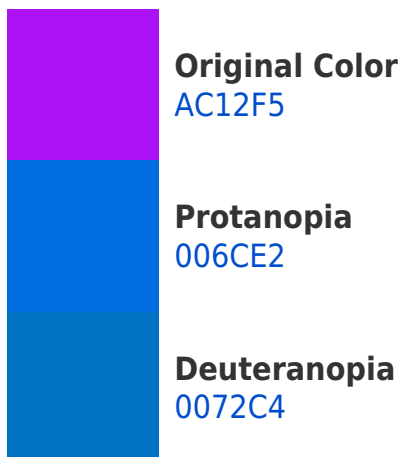


This preview shows how white text looks on a background with the Hex color AC12F5.

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
946168

Trichromacy



Original Color
AC12F5



Protanomaly
3F4BE9



Deuteranomaly
3F4FD6



Tritanomaly
9D449B

Monochromacy



Original Color
AC12F5



Achromatopsia
5A5A5A



Achromatomaly
784092

CSS Examples

Text

The CSS property to change the color of the text to Hex AC12F5 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 #AC12F5 looks like.

```
.text, #text, p{  
    color:#AC12F5  
}
```

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 #AC12F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC12F5
}
```

Border

The CSS property to change the border of an element to Hex AC12F5 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
#AC12F5 }
```

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

```
.border{ border-color:#AC12F5 }
```

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

Here you see how a box with a 4 pixel #AC12F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC12F5; -webkit-box-shadow:4px 4px  
4px 4px #AC12F5; box-shadow:4px 4px 4px  
4px #AC12F5 }
```

Background

The CSS property to change the background color of an element to Hex AC12F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC12F5 }
```

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

```
.background{ background-color:#AC12F5 }
```

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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