

Converting Colors

Hex(AB72F1)

Have a look what the booklet for
Hex(AB72F1) contains.

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Color

Hex(AB72F1)

Conversions

Conversions Part 1

Format	Color
Hex	AB72F1
RGB	171, 114, 241
RGB Percent	67%, 45%, 95%
CMY	0.3294, 0.5529, 0.0549
CMYK	0.29, 0.53, 0.00, 0.05
HSL	267°, 82%, 70%
HSV	267°, 53%, 95%
XYZ	38.6891, 27.0434, 86.3999
YIQ	145.5210, -6.7950, 51.5810

Conversions

Conversions Part 2

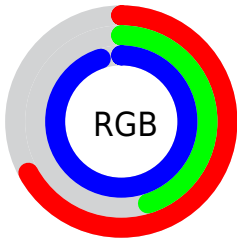
Format	Color
R_{YB}	171, 114, 241
Decimal	11236081
CIE _{Lab}	59.01, 47.22, -55.82
CIE _{LCh}	59, 73.116, 310.225
Yxy	27.0434, 0.2543, 0.1778
Android (android.graphics.Color)	4289426161 (0xFFAB72F1)
YUV	145.5210, 47.0711, 22.3451
Hunter-Lab	52.0033, 41.7935, -62.1039

Details

The Hex color **AB72F1** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B8F172**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **E5A7FF**, and **733FB8** is the 20% darker color. If you saturate the color by 10%, you get **9E5AF1**, and if you desaturate by 10%, it is **B88AF1**.

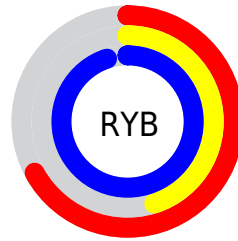
Distribution



Red (67%)

Green (45%)

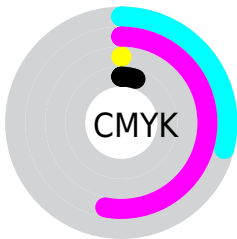
Blue (95%)



Red (67%)

Yellow (45%)

Blue (95%)

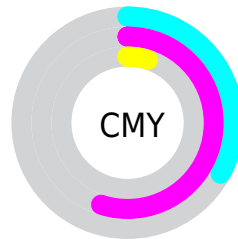


Cyan (29%)

Magenta (53%)

Yellow (0%)

Black (5%)



Cyan (33%)

Magenta (55%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB72F1 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 AB72F1 by changing the saturation by 10% instead.

 AB72F1

 AB72F1

FFFFFF

 8F58D4

 E5A7FF

 733FB8

 FFC3FF

 57269D

 FFE0FF

 3A0A82

 FFFCFF

 1B0068

 00004F

 000537

 000221

 000006

 AB72F1

 AB72F1

 9E5AF1

 B88AF1

 9042F1

 C6A2F1

 832AF1

 D3BAF1

 7612F1

 E0D2F1

 6C00F1

 EDEAF1

 FBFFF1

 FFFFF1

Harmonies

Analogous

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



008FFF



AB72F1



EA52BB

Triad

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



AB72F1



CD7B00



00ABA3

Complementary

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



AB72F1



B8F172

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.



00A860



AB72F1



979200

Square

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



AB72F1



F25D3E



4EA11B



00A9E0

Rectangle

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



AB72F1



FC4590



4EA11B



00AA8D

Sweetspot

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



AB72F1



E9D6FF



72BAF1



726780



000000



808080

Same Dimension

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



AB72F1



A65EFF



E972F1



716C78



5200B8



190038

Inverse Universe

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



F172B8



FF5EB7



7AF172



786C72



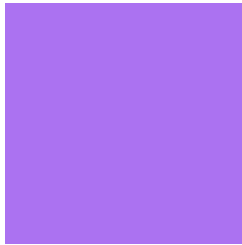
B80065



38001F

Previews

White Background



This preview shows how the Hex color AB72F1 looks on a white background.

Color Contrast Check

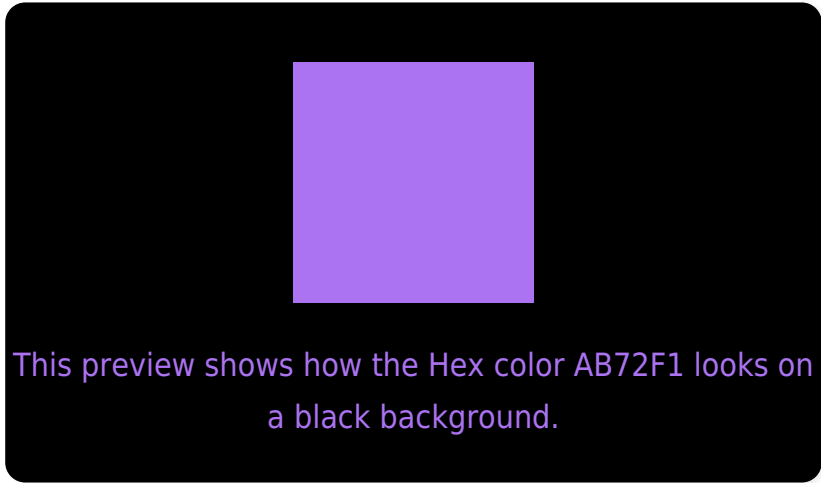
Large Text (above 18pt) WCAG AA ✓ Pass

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

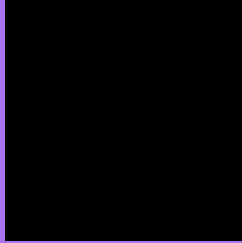
Any Text WCAG AA ✓ Pass

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 AB72F1 Background



This preview shows how black text looks on a background with the Hex color AB72F1.

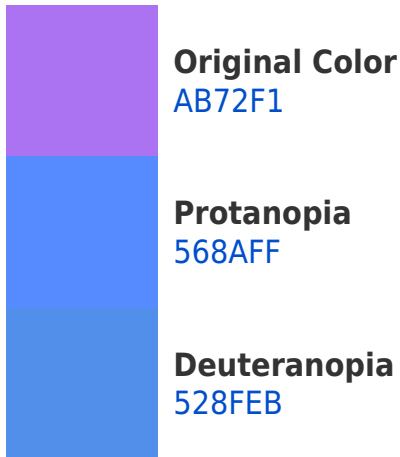



This preview shows how white text looks on a background with the Hex color AB72F1.

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](#).

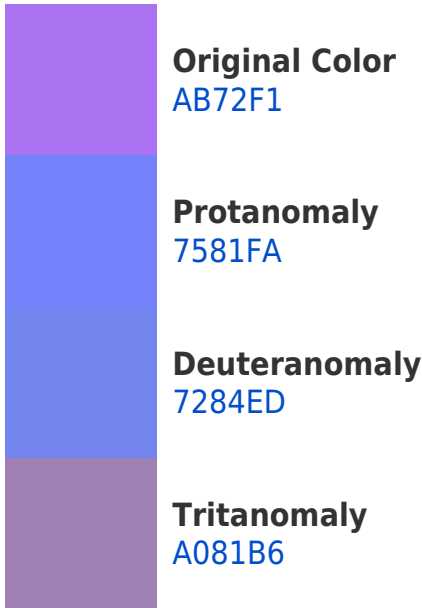
Dichromacy





Tritanopia
9A8994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB72F1 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 #AB72F1 looks like.

```
.text, #text, p{  
    color:#AB72F1  
}
```

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 #AB72F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB72F1
}
```

Border

The CSS property to change the border of an element to Hex AB72F1 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
#AB72F1 }
```

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

```
.border{ border-color:#AB72F1 }
```

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

Here you see how a box with a 4 pixel #AB72F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB72F1; -webkit-box-shadow:4px 4px  
4px 4px #AB72F1; box-shadow:4px 4px 4px  
4px #AB72F1 }
```

Background

The CSS property to change the background color of an element to Hex AB72F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB72F1 }
```

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

```
.background{ background-color:#AB72F1 }
```

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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