

Converting Colors

Hex(AA18F4)

Have a look what the booklet for
Hex(AA18F4) contains.

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Color

Hex(AA18F4)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AA18F4 |
| RGB | 170, 24, 244 |
| RGB Percent | 67%, 9%, 96% |
| CMY | 0.3333, 0.9059, 0.0431 |
| CMYK | 0.30, 0.90, 0.00, 0.04 |
| HSL | 280°, 91%, 53% |
| HSV | 280°, 90%, 96% |
| XYZ | 33.2333, 15.7310, 86.8727 |
| YIQ | 92.7340, 16.3960, 99.3720 |

Conversions

Conversions Part 2

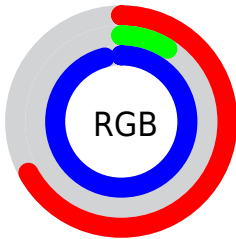
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 170, 24, 244 |
| Decimal | 11147508 |
| CIE _{Lab} | 46.62, 82.34, -77.53 |
| CIE _{LCh} | 47, 113.095, 316.721 |
| Yxy | 15.7310, 0.2447, 0.1158 |
| Android (android.graphics.Color) | 4289337588 (0xFFAA18F4) |
| YUV | 92.7340, 74.5741, 67.7623 |
| Hunter-Lab | 39.6623, 80.1575, -102.0999 |

Details

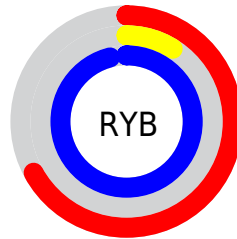
The Hex color **AA18F4** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **62F418**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **E760FF**, and **6D00BA** is the 20% darker color. If you saturate the color by 10%, you get **A200F4**, and if you desaturate by 10%, it is **B230F4**.

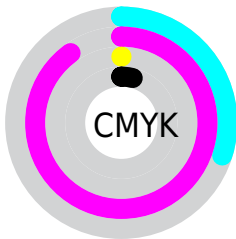
Distribution



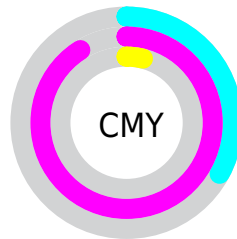
- Red (67%)
- Green (9%)
- Blue (96%)



- Red (67%)
- Yellow (9%)
- Blue (96%)



- Cyan (30%)
- Magenta (90%)
- Yellow (0%)
- Black (4%)



- Cyan (33%)
- Magenta (91%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA18F4 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 AA18F4 by changing the saturation by 10% instead.

 AA18F4

 AA18F4

FFFFFF

 8C00D7

 E760FF

 6D00BA

 FF7EFF

 4E009F

 FF9BFF

 2B0083


 FFB8FF


 000069

 FFD6FF

 000050

 FFF4FF

 000538

 000221

 000007

■ AA18F4

■ AA18F4

■ A200F4

■ B230F4

■ BA49F4

■ C361F4

■ CB7AF4

■ D392F4

■ DBAAF4

■ E3C3F4

■ ECDBF4

■ F4F4F4

Harmonies

Analogous

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



006BFF



AA18F4



F9009D

Triad

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



AA18F4



A95B00



0090A3

Complementary

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



AA18F4



62F418

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.



008D3E



AA18F4



547B00

Square

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



AA18F4



E60000



008800



0091FB

Rectangle

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



AA18F4



FF005F



008800



008F83

Sweetspot

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



AA18F4



E8BAFF



1865F4



725780



000000



808080

Same Dimension

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



AA18F4



A900FF



F418D3



766E7A



7C00BA



27003B

Inverse Universe

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



F41862



FF0056



18F439



7A6E72



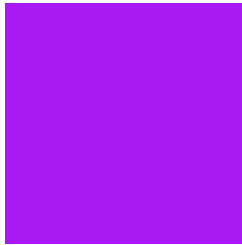
BA003F



3B0014

Previews

White Background



This preview shows how the Hex color AA18F4 looks on a white background.

Color Contrast Check

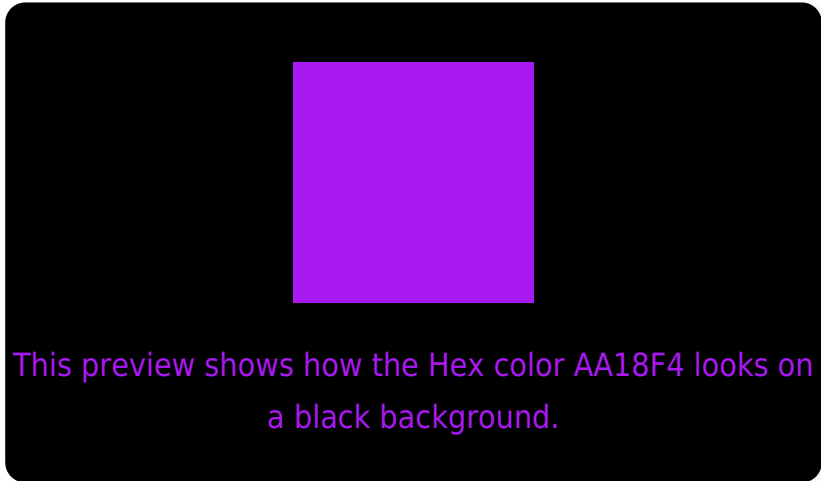
Large Text (above 18pt) WCAG AA ✓ Pass

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

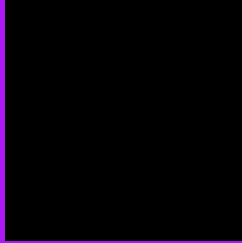
Any Text WCAG AA × Fail

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 AA18F4 Background



This preview shows how black text looks on a background with the Hex color AA18F4.

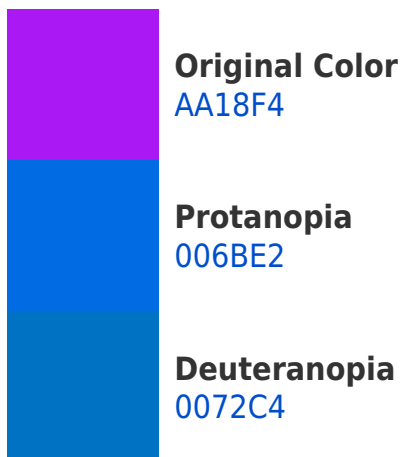


This preview shows how white text looks on a background with the Hex color AA18F4.

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
926168

Trichromacy



Original Color

AA18F4



Protanomaly

3E4DE9



Deuteranomaly

3E51D5



Tritanomaly

9B469B

Monochromacy



Original Color

AA18F4



Achromatopsia

5D5D5D



Achromatomaly

794494

CSS Examples

Text

The CSS property to change the color of the text to Hex AA18F4 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 #AA18F4 looks like.

```
.text, #text, p{  
  color:#AA18F4  
}
```

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 #AA18F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA18F4
}
```

Border

The CSS property to change the border of an element to Hex AA18F4 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
#AA18F4 }
```

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

```
.border{ border-color:#AA18F4 }
```

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

Here you see how a box with a 4 pixel #AA18F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA18F4; -webkit-box-shadow:4px 4px  
4px 4px #AA18F4; box-shadow:4px 4px 4px  
4px #AA18F4 }
```

Background

The CSS property to change the background color of an element to Hex AA18F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA18F4 }
```

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

```
.background{ background-color:#AA18F4 }
```

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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