

Converting Colors

Hex(FF1AE8)

Have a look what the booklet for
Hex(FF1AE8) contains.

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Color

Hex(F1AE8)

Conversions

Conversions Part 1

Format	Color
Hex	FF1AE8
RGB	255, 26, 232
RGB Percent	100%, 10%, 91%
CMY	0.0000, 0.8980, 0.0902
CMYK	0.00, 0.90, 0.09, 0.00
HSL	306°, 100%, 55%
HSV	306°, 90%, 100%
XYZ	56.1749, 27.8250, 78.7539
YIQ	117.9550, 70.3580, 112.6140

Conversions

Conversions Part 2

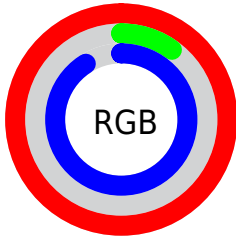
Format	Color
R_{YB}	255, 26, 232
Decimal	16718568
CIE _{Lab}	59.73, 93.18, -48.96
CIE _{LCh}	60, 105.258, 332.281
Yxy	27.8250, 0.3452, 0.1710
Android (android.graphics.Color)	4294908648 (0xFFFF1AE8)
YUV	117.9550, 56.2242, 120.1885
Hunter-Lab	52.7494, 97.7802, -51.5944

Details

The Hex color **FF1AE8** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **1AFF31**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF6EFF**, and **C100B0** is the 20% darker color. If you saturate the color by 10%, you get **FF00E5**, and if you desaturate by 10%, it is **FF33EB**.

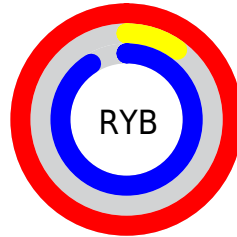
Distribution



Red (100%)

Green (10%)

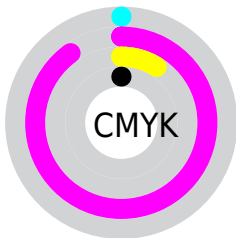
Blue (91%)



Red (100%)

Yellow (10%)

Blue (91%)

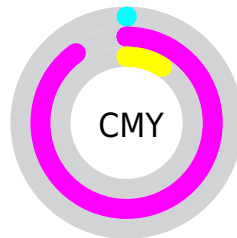


Cyan (0%)

Magenta (90%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (90%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF1AE8 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 FF1AE8 by changing the saturation by 10% instead.

 FF1AE8

 FF1AE8

FFFFFF

 E000CB

 FF6EFF

 C100B0

 FF8EFF

 A30094

 FFAEFF

 85007A

 FFCCFF

 680061

 FFE8FF

 4C0048

 2D0030

 00001A

 000000

 FF1AE8

 FF1AE8

 FF00E5

 FF33EB

 FF4DED

 FF66F0

 FF80F2

 FF99F5

 FFB3F7

 FFCCFA

 FFE6FC

FFFFFF

Harmonies

Analogous

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



8572FF



FF1AE8



FF008D

Triad

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



FF1AE8



A98F00



00B5F2

Complementary

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



FF1AE8



1AFF31

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.



00B495



FF1AE8



41A500

Square

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



FF1AE8



F06600



00B02E



00AFFF

Rectangle

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



FF1AE8



FF0051



00B02E



00B5D4

Sweetspot

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



FF1AE8



FFBAF8



311AFF



80577B



000000



808080

Same Dimension

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



FF1AE8



FF00E5



FF1A76



80737E



BF00AC



400039

Inverse Universe

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



FF1AE8



FF00E5



1AFFA3



80737E



BF00AC



400039

Previews

White Background



This preview shows how the Hex color FF1AE8 looks on a white background.

Color Contrast Check

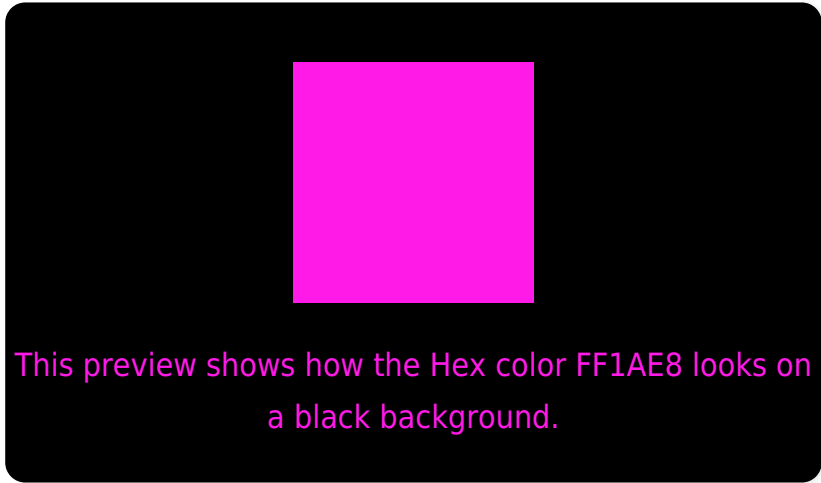
Large Text (above 18pt) WCAG AA ✓ Pass

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

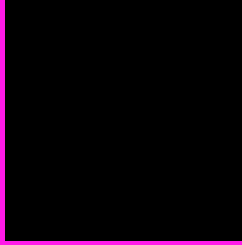
Any Text WCAG AA ✓ Pass

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 FF1AE8 Background



This preview shows how black text looks on a background with the Hex color FF1AE8.

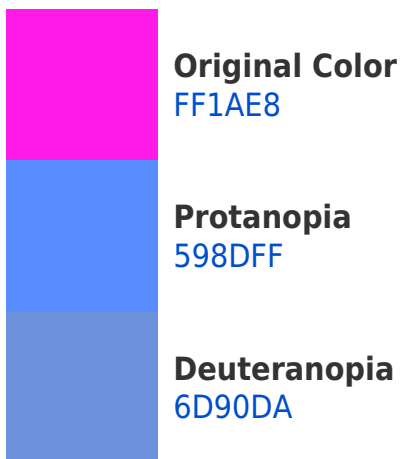


This preview shows how white text looks on a background with the Hex color FF1AE8.

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



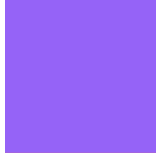


Tritanopia
F25D63

Trichromacy



Original Color
FF1AE8



Protanomaly
9563F7



Deuteranomaly
A265DF



Tritanomaly
F74593

Monochromacy



Original Color
FF1AE8



Achromatopsia
767676



Achromatomaly
A8559F

CSS Examples

Text

The CSS property to change the color of the text to Hex FF1AE8 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 #FF1AE8 looks like.

```
.text, #text, p{  
    color:#FF1AE8  
}
```

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 #FF1AE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF1AE8
}
```

Border

The CSS property to change the border of an element to Hex FF1AE8 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
#FF1AE8 }
```

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

```
.border{ border-color:#FF1AE8 }
```

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

Here you see how a box with a 4 pixel #FF1AE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF1AE8; -webkit-box-shadow:4px 4px  
4px 4px #FF1AE8; box-shadow:4px 4px 4px  
4px #FF1AE8 }
```

Background

The CSS property to change the background color of an element to Hex FF1AE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF1AE8 }
```

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

```
.background{ background-color:#FF1AE8 }
```

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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