

# Converting Colors

Hex(FF1AE4)

Have a look what the booklet for  
Hex(FF1AE4) contains.

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# **Color**

**Hex(F1AE4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF1AE4
RGB	255, 26, 228
RGB Percent	100%, 10%, 89%
CMY	0.0000, 0.8980, 0.1059
CMYK	0.00, 0.90, 0.11, 0.00
HSL	307°, 100%, 55%
HSV	307°, 90%, 100%
XYZ	55.6130, 27.6002, 75.7950
YIQ	117.4990, 71.6420, 111.3700

# Conversions

## Conversions Part 2

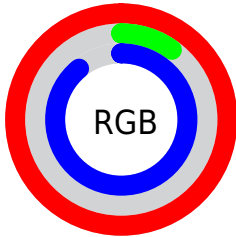
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 26, 228
Decimal	16718564
CIE Lab	59.53, 92.66, -47.03
CIE LCh	60, 103.911, 333.086
Yxy	27.6002, 0.3497, 0.1736
Android (android.graphics.Color)	4294908644 (0xFFFF1AE4)
YUV	117.4990, 54.4770, 120.5884
Hunter-Lab	52.5359, 97.0170, -48.7642

# Details

The Hex color **FF1AE4** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **1AFF35**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF6EFF**, and **C100AC** is the 20% darker color. If you saturate the color by 10%, you get **FF00E1**, and if you desaturate by 10%, it is **FF33E7**.

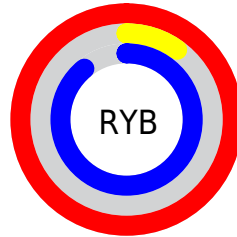
# Distribution



Red (100%)

Green (10%)

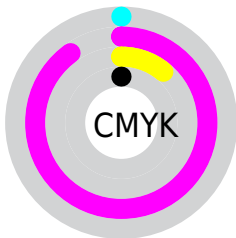
Blue (89%)



Red (100%)

Yellow (10%)

Blue (89%)

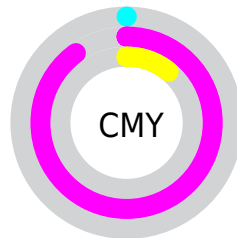


Cyan (0%)

Magenta (90%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (90%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF1AE4 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 FF1AE4 by changing the saturation by 10% instead.



 FF1AE4

 FF1AE4

FFFFFF

 E000C8

 FF6EFF

 C100AC

 FF8EFF

 A30091

 FFADFF

 850077

 FFCCFF

 68005D

 FFE8FF

 4C0045

 2D002D

 000017

 000000

 FF1AE4

 FF1AE4

 FF00E1

 FF33E7

 FF4DEA

 FF66ED

 FF80F0

 FF99F3

 FFB3F6

 FFCCF9

 FFE6FC

FFFFFF

# Harmonies

## Analogous

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



8A71FF



FF1AE4



FF008A

# Triad

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



FF1AE4



A68F00



00B4F2

# Complementary

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



FF1AE4



1AFF35

# 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.



00B397



FF1AE4



3EA500

# Square

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



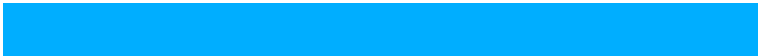
FF1AE4



ED6700



00AF32



00AEFF

# Rectangle

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



FF1AE4



FF004F



00AF32



00B4D5



# Sweetspot

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



FF1AE4



FFBAF7



351AFF



80577B



000000



808080



# Same Dimension

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



FF1AE4



FF00E1



FF1A72



80737E



BF00A9



400038



# Inverse Universe

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



FF1AE4



FF00E1



1AFFA7



80737E



BF00A9



400038



# Previews

## White Background



This preview shows how the Hex color FF1AE4 looks on a white background.

## Color Contrast Check

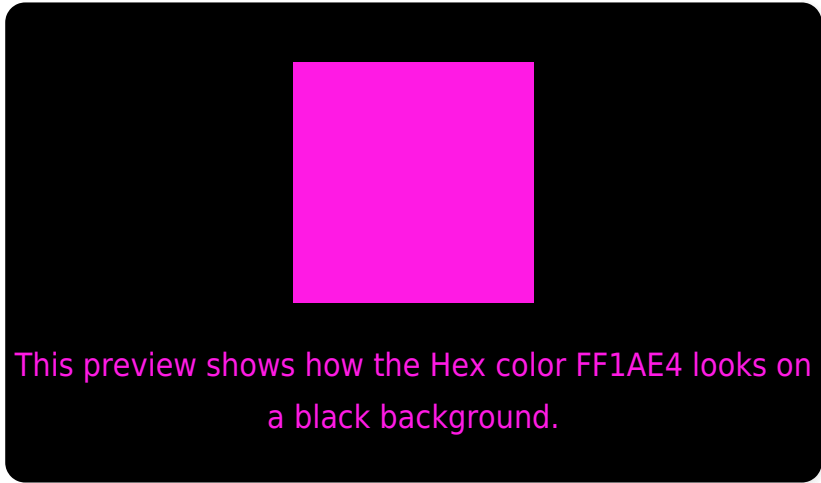
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF1AE4 Background



This preview shows how black text looks on a background with the Hex color FF1AE4.

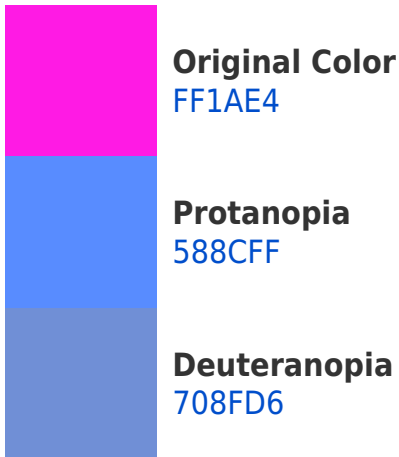


This preview shows how white text looks on a background with the Hex color FF1AE4.

# 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**  
F35C62

# Trichromacy



**Original Color**  
FF1AE4



**Protanomaly**  
9563F5



**Deuteranomaly**  
A464DB



**Tritanomaly**  
F74491

# Monochromacy



**Original Color**  
FF1AE4



**Achromatopsia**  
757575



**Achromatomaly**  
A7549D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF1AE4 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 #FF1AE4 looks like.

```
.text, #text, p{  
    color:#FF1AE4  
}
```

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 #FF1AE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF1AE4
}
```

## Border

The CSS property to change the border of an element to Hex FF1AE4 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
#FF1AE4 }
```

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

```
.border{ border-color:#FF1AE4 }
```

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

Here you see how a box with a 4 pixel #FF1AE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF1AE4; -webkit-box-shadow:4px 4px  
4px 4px #FF1AE4; box-shadow:4px 4px 4px  
4px #FF1AE4 }
```

# Background

The CSS property to change the background color of an element to Hex FF1AE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF1AE4 }
```

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

```
.background{ background-color:#FF1AE4 }
```

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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