

# Converting Colors

Hex(ABF91F)

Have a look what the booklet for  
Hex(ABF91F) contains.

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**Color**

**Hex(ABF91F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABF91F
RGB	171, 249, 31
RGB Percent	67%, 98%, 12%
CMY	0.3294, 0.0235, 0.8784
CMYK	0.31, 0.00, 0.88, 0.02
HSL	81°, 95%, 55%
HSV	81°, 88%, 98%
XYZ	50.9176, 76.5082, 13.3803
YIQ	200.8260, 23.4900, -84.3340

# Conversions

## Conversions Part 2

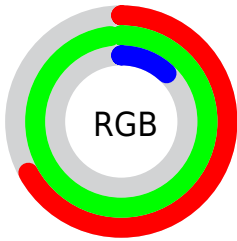
Format	Color
<a href="#">RYB</a>	<a href="#">31, 249, 109</a>
Decimal	<a href="#">11270431</a>
CIELab	<a href="#">90.09, -51.22, 83.49</a>
CIELCh	<a href="#">90, 97.950, 121.531</a>
Yxy	<a href="#">76.5082, 0.3616, 0.5434</a>
Android (android.graphics.Color)	<a href="#">4289460511 (0xFFABF91F)</a>
YUV	<a href="#">200.8260, -83.7242, -26.1574</a>
Hunter-Lab	<a href="#">87.4690, -49.1620, 52.1586</a>

# Details

The Hex color **ABF91F** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **6D1FF9**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **E7FF66**, and **6FC000** is the 20% darker color. If you saturate the color by 10%, you get **A2F906**, and if you desaturate by 10%, it is **B4F938**.

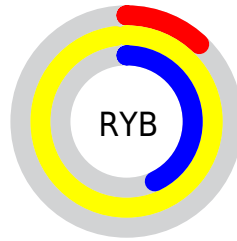
# Distribution



Red (67%)

Green (98%)

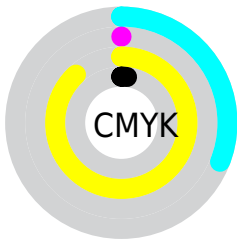
Blue (12%)



Red (12%)

Yellow (98%)

Blue (43%)

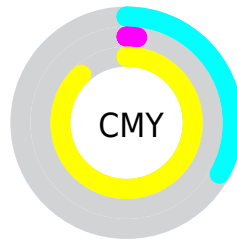


Cyan (31%)

Magenta (0%)

Yellow (88%)

Black (2%)



Cyan (33%)

Magenta (2%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABF91F 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 ABF91F by changing the saturation by 10% instead.



 ABF91F

 ABF91F

FFFFFF

 8DDC00

 E7FF66

 6FC000

 FFFF84

 50A500

 FFFFA2

 308A00

 FFFF00

 007000

 FFFFDE

 005600

 FFFF00

 003E00

 002800

 000100

 ABF91F

 ABF91F

 A2F906

 B4F938

 A0F900

 BDF951

 C6F96A

 CFF983

 D8F99B

 E0F9B4

 E9F9CD

 F2F9E6

 FBF9FF

# Harmonies

## Analogous

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



FFE000



ABF91F



00FF84

# Triad

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



ABF91F



00FFFF



FF7EE2

# Complementary

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



ABF91F



6D1FF9

# 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.



FF9AFF



ABF91F



00EDFF

# Square

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



ABF91F



00FFFF



E5C7FF



FF9186

# Rectangle

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



ABF91F



00FFC4



E5C7FF



FF82FF

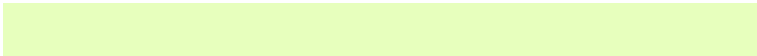


# Sweetspot

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



ABF91F



E7FFBD



F96B1F



718058



000000



808080



# Same Dimension

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



ABF91F



A4FF00



40F91F



787D70



79BD00



273D00



# Inverse Universe

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



6D1FF9



5B00FF



D81FF9



75707D



4400BD

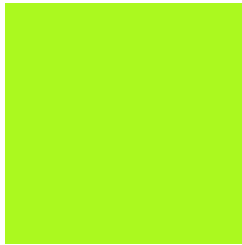


16003D



# Previews

## White Background



This preview shows how the Hex color ABF91F looks on a white background.

## Color Contrast Check

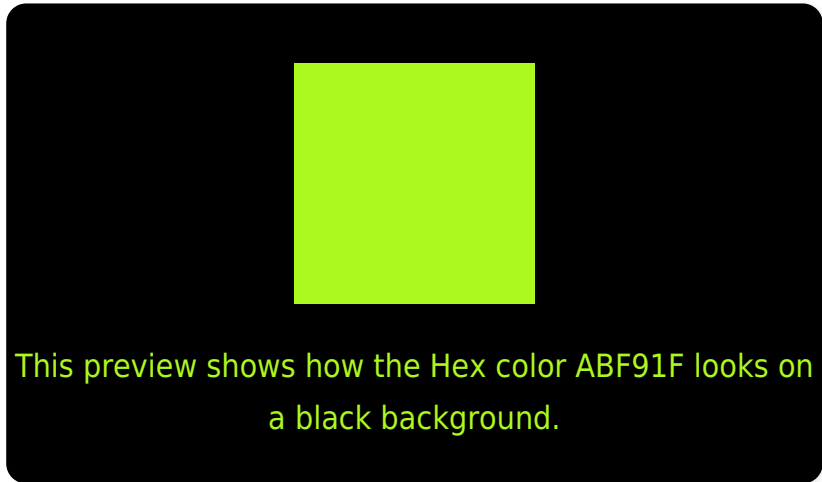
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex ABF91F Background



This preview shows how black text looks on a background with the Hex color ABF91F.

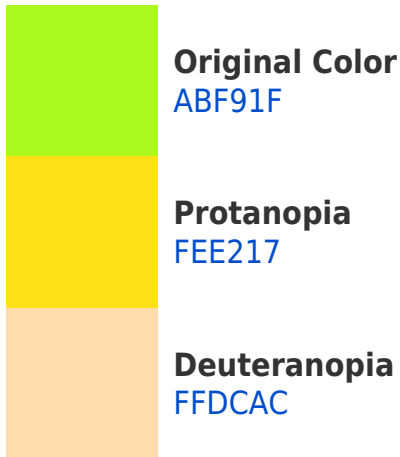


This preview shows how white text looks on a background with the Hex color ABF91F.

# 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](#).

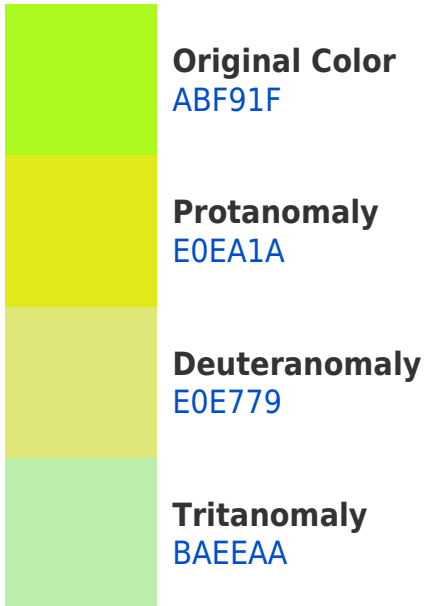
## Dichromacy



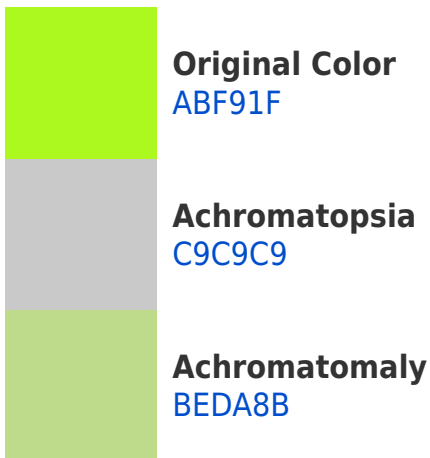


**Tritanopia**  
C3E8FA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABF91F 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 #ABF91F looks like.

```
.text, #text, p{  
    color:#ABF91F  
}
```

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 #ABF91F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABF91F
}
```

## Border

The CSS property to change the border of an element to Hex ABF91F 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
#ABF91F }
```

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

```
.border{ border-color:#ABF91F }
```

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

Here you see how a box with a 4 pixel #ABF91F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABF91F; -webkit-box-shadow:4px 4px  
4px 4px #ABF91F; box-shadow:4px 4px 4px  
4px #ABF91F }
```

# Background

The CSS property to change the background color of an element to Hex ABF91F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABF91F }
```

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

```
.background{ background-color:#ABF91F }
```

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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