

Converting Colors

Hex(AFF40B)

Have a look what the booklet for
Hex(AFF40B) contains.

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Color

Hex(AFF40B)

Conversions

Conversions Part 1

Format	Color
Hex	AFF40B
RGB	175, 244, 11
RGB Percent	69%, 96%, 4%
CMY	0.3137, 0.0431, 0.9569
CMYK	0.28, 0.00, 0.95, 0.04
HSL	78°, 91%, 50%
HSV	78°, 95%, 96%
XYZ	50.0903, 73.8395, 11.9290
YIQ	196.8070, 33.6690, -87.0910

Conversions

Conversions Part 2

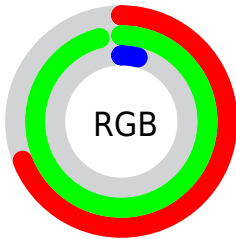
Format	Color
R _Y B	11, 244, 80
Decimal	11531275
CIE Lab	88.85, -48.05, 85.07
CIE LCh	89, 97.704, 119.461
Yxy	73.8395, 0.3687, 0.5435
Android (android.graphics.Color)	4289721355 (0xFFAFF40B)
YUV	196.8070, -91.6029, -19.1247
Hunter-Lab	85.9299, -46.3261, 51.9201

Details

The Hex color **AFF40B** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle saturated chartreuse. A complement of this color would be **500BF4**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **EBFF5E**, and **73BB00** is the 20% darker color. If you saturate the color by 10%, you get **ACF400**, and if you desaturate by 10%, it is **B6F423**.

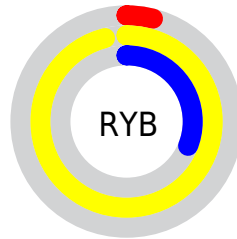
Distribution



Red (69%)

Green (96%)

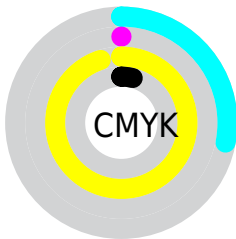
Blue (4%)



Red (4%)

Yellow (96%)

Blue (31%)

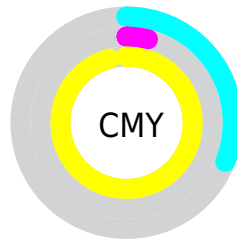


Cyan (28%)

Magenta (0%)

Yellow (95%)

Black (4%)



Cyan (31%)

Magenta (4%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFF40B 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 AFF40B by changing the saturation by 10% instead.

 AFF40B

 AFF40B

FFFFFF

 91D700

 EBFF5E

 73BB00

 FFFF7D

 55A000

 FFFF9B

 368500

 FFFFB8

 076C00

 FFFFD6

 005300

 FFFFF4

 003A00

 002500

 000000

 AFF40B

 AFF40B

 ACF400

 B6F423

 BDF43C

 C5F454

 CCF46D

 D3F485

 DAF49D

 E2F4B6

 E9F4CE

 F0F4E7

Harmonies

Analogous

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



FFDA00



AFF40B



00FF7A

Triad

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



AFF40B



00FFFF



FF7AE5

Complementary

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



AFF40B



500BF4

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.



FF99FF



AFF40B



00EBFF

Square

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



AFF40B



00FFFF



D6C7FF



FF8B89

Rectangle

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



AFF40B



00FFBA



D6C7FF



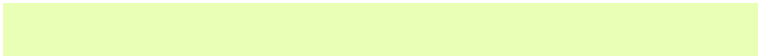
FF80FF

Sweetspot

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



AFF40B



E9FFB5



F44D0B



728053



000000



808080

Same Dimension

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



AFF40B



B3FF00



3DF40B



777A6E



83BA00



293B00

Inverse Universe

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



500BF4



4C00FF



C20BF4



726E7A



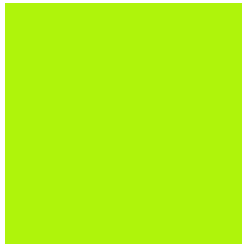
3700BA



11003B

Previews

White Background



This preview shows how the Hex color #AFF40B looks on a white background.

Color Contrast Check

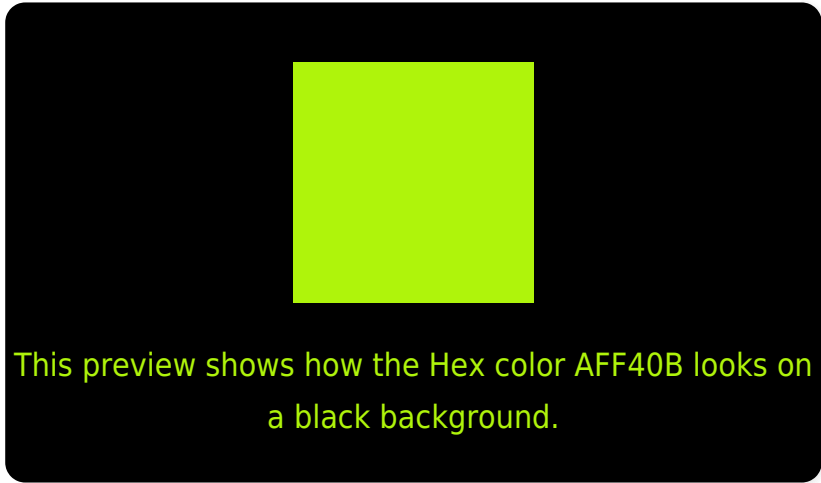
Large Text (above 18pt) WCAG AA × Fail

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 AFF40B Background



This preview shows how black text looks on a background with the Hex color AFF40B.

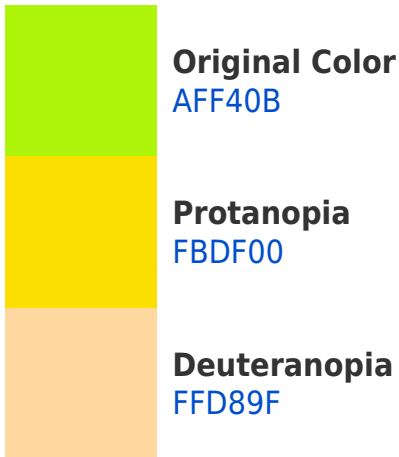


This preview shows how white text looks on a background with the Hex color AFF40B.

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](#).

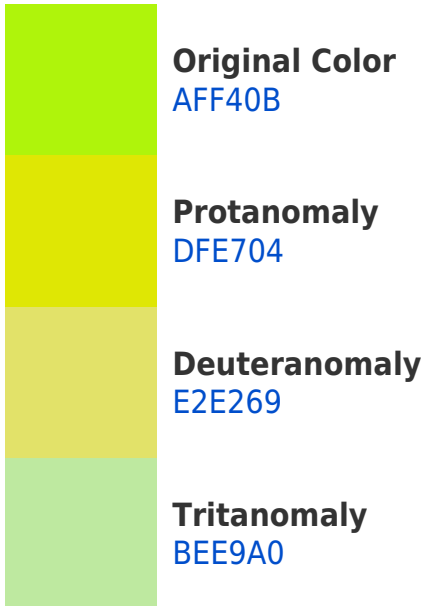
Dichromacy



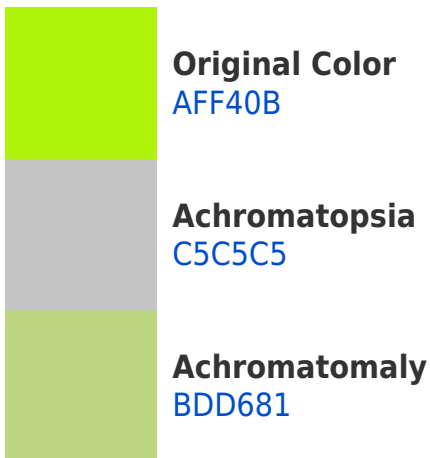


Tritanopia
C6E3F5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AFF40B 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 #AFF40B looks like.

```
.text, #text, p{  
    color:#AFF40B  
}
```

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 #AFF40B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFF40B
}
```

Border

The CSS property to change the border of an element to Hex AFF40B 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
#AFF40B }
```

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

```
.border{ border-color:#AFF40B }
```

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

Here you see how a box with a 4 pixel #AFF40B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFF40B; -webkit-box-shadow:4px 4px  
4px 4px #AFF40B; box-shadow:4px 4px 4px  
4px #AFF40B }
```

Background

The CSS property to change the background color of an element to Hex AFF40B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFF40B }
```

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

```
.background{ background-color:#AFF40B }
```

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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