

Converting Colors

Hex(ACF45B)

Have a look what the booklet for
Hex(ACF45B) contains.

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Color

Hex(ACF45B)

Conversions

Conversions Part 1

Format	Color
Hex	ACF45B
RGB	172, 244, 91
RGB Percent	67%, 96%, 36%
CMY	0.3255, 0.0431, 0.6431
CMYK	0.30, 0.00, 0.63, 0.04
HSL	88°, 87%, 66%
HSV	88°, 63%, 96%
XYZ	51.2523, 74.2274, 21.5236
YIQ	205.0300, 6.2010, -62.8470

Conversions

Conversions Part 2

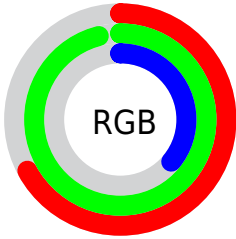
Format	Color
RYB	91, 244, 163
Decimal	11334747
CIELab	89.03, -45.75, 64.58
CIELCh	89, 79.141, 125.312
Yxy	74.2274, 0.3486, 0.5049
Android (android.graphics.Color)	4289524827 (0xFFACF45B)
YUV	205.0300, -56.2168, -28.9673
Hunter-Lab	86.1553, -44.5853, 45.4967

Details

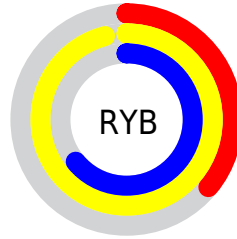
The Hex color **ACF45B** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **A35BF4**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **E7FF93**, and **73BB1E** is the 20% darker color. If you saturate the color by 10%, you get **A1F443**, and if you desaturate by 10%, it is **B7F473**.

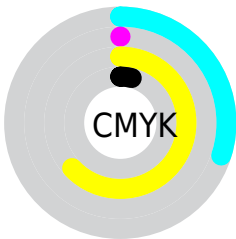
Distribution



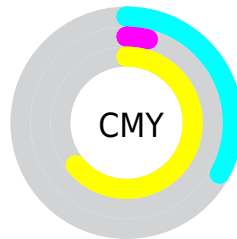
- Red (67%)
- Green (96%)
- Blue (36%)



- Red (36%)
- Yellow (96%)
- Blue (64%)



- Cyan (30%)
- Magenta (0%)
- Yellow (63%)
- Black (4%)



- Cyan (33%)
- Magenta (4%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACF45B 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 ACF45B by changing the saturation by 10% instead.

 ACF45B

 ACF45B

FFFFFF

 8FD73F

 E7FF93

 73BB1E

 FFFF9F

 56A000

 FFFFCC

 388500

 FFFF99

 166C00

 005300

 003B00

 002500

 000000

 ACF45B

 ACF45B

 A1F443

 B7F473

 95F42A

 C3F48C

 8AF412

 CEF4A4

 81F400

 DAF4BD

 E5F4D5

 F1F4ED

 FCF4FF

 FFF4FF

Harmonies

Analogous

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



FBE038



ACF45B



00FF9D

Triad

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



ACF45B



00F8FF



FF98D5

Complementary

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



ACF45B



A35BF4

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.



FFA7FF



ACF45B



49E4FF

Square

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



ACF45B



00FFFF



F4C6FF



FFA78C

Rectangle

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



ACF45B



00FFD1



F4C6FF



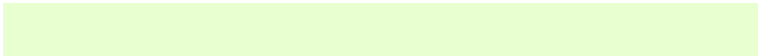
FF9AEF

Sweetspot

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



ACF45B



E8FFCF



F4A25B



728062



000000



808080

Same Dimension

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



ACF45B



A5FF40



60F45B



757A6E



63BA00



1F3B00

Inverse Universe

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



A35BF4



9A40FF



EF5BF4



746E7A



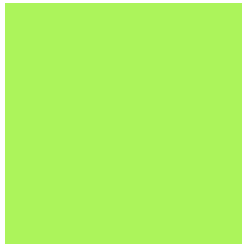
5800BA



1C003B

Previews

White Background



This preview shows how the Hex color ACF45B looks on a white background.

Color Contrast Check

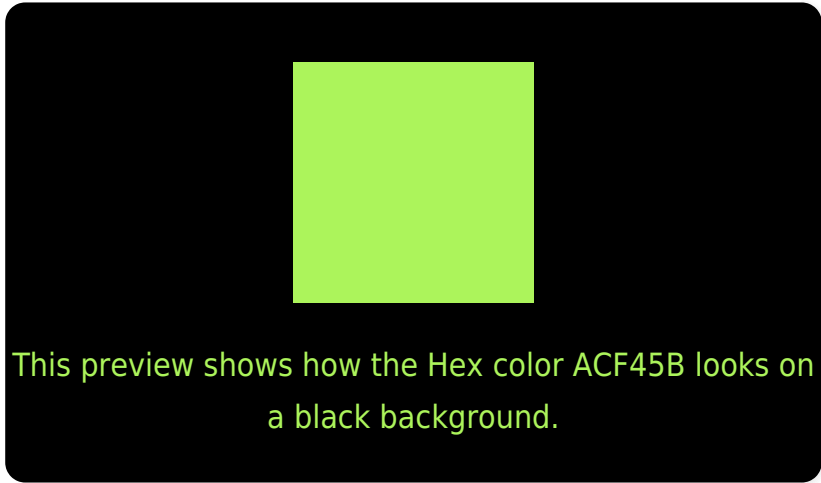
Large Text (above 18pt) WCAG AA × Fail

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 ACF45B Background



This preview shows how black text looks on a background with the Hex color ACF45B.

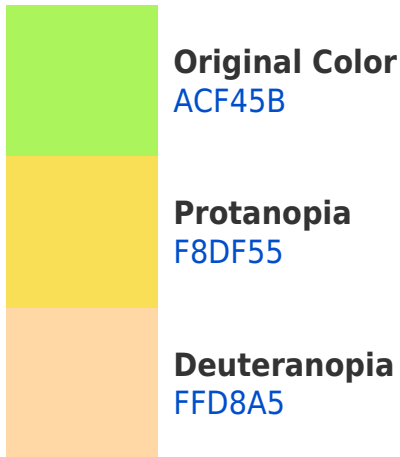


This preview shows how white text looks on a background with the Hex color ACF45B.

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



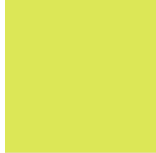


Tritanopia
C1E5F7

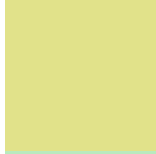
Trichromacy



Original Color
ACF45B



Protanomaly
DCE757



Deuteranomaly
E1E28A

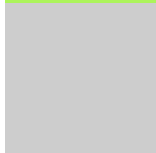


Tritanomaly
B9EABE

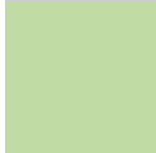
Monochromacy



Original Color
ACF45B



Achromatopsia
CDCDCD



Achromatomaly
C1DBA4

CSS Examples

Text

The CSS property to change the color of the text to Hex ACF45B 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 #ACF45B looks like.

```
.text, #text, p{  
    color:#ACF45B  
}
```

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 #ACF45B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACF45B
}
```

Border

The CSS property to change the border of an element to Hex ACF45B 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
#ACF45B }
```

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

```
.border{ border-color:#ACF45B }
```

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

Here you see how a box with a 4 pixel #ACF45B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACF45B; -webkit-box-shadow:4px 4px  
4px 4px #ACF45B; box-shadow:4px 4px 4px  
4px #ACF45B }
```

Background

The CSS property to change the background color of an element to Hex ACF45B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACF45B }
```

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

```
.background{ background-color:#ACF45B }
```

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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