

# Converting Colors

Hex(ABF05A)

Have a look what the booklet for  
Hex(ABF05A) contains.

<b>Hex(ABF05A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(ABF05A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABF05A
RGB	171, 240, 90
RGB Percent	67%, 94%, 35%
CMY	0.3294, 0.0588, 0.6471
CMYK	0.29, 0.00, 0.62, 0.06
HSL	88°, 83%, 65%
HSV	88°, 62%, 94%
XYZ	49.8001, 71.7163, 20.8907
YIQ	202.2690, 7.0260, -61.2780

# Conversions

## Conversions Part 2

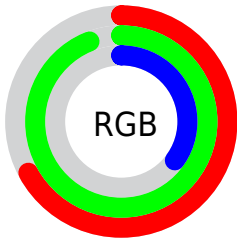
Format	Color
<b>RYB</b>	90, 240, 159
Decimal	11268186
CIELab	87.83, -44.46, 63.67
CIELCh	88, 77.656, 124.929
Yxy	71.7163, 0.3497, 0.5036
Android (android.graphics.Color)	4289458266 (0xFFABF05A)
YUV	202.2690, -55.3486, -27.4229
Hunter-Lab	84.6855, -43.2309, 44.6538

# Details

The Hex color **ABF05A** 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 **9F5AF0**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **E6FF92**, and **72B81D** is the 20% darker color. If you saturate the color by 10%, you get **A0F042**, and if you desaturate by 10%, it is **B6F072**.

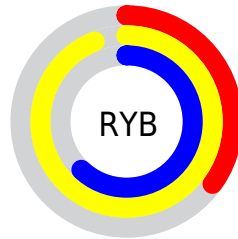
# Distribution



Red (67%)

Green (94%)

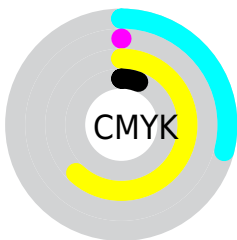
Blue (35%)



Red (35%)

Yellow (94%)

Blue (62%)

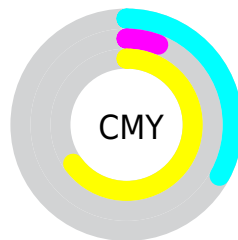


Cyan (29%)

Magenta (0%)

Yellow (62%)

Black (6%)



Cyan (33%)

Magenta (6%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABF05A 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 ABF05A by changing the saturation by 10% instead.



 ABF05A

 ABF05A

FFFFFF

 8ED33E

 E6FF92

 72B81D

 FFFFAE

 559C00

 FFFFCA

 388200

 FFFFE7

 176800

 004F00

 003800

 002200

 000000

 ABF05A

 ABF05A

 A0F042

 B6F072

 95F02A

 C1F08A

 8AF012

 CCF0A2

 82F000

 D7F0BA

 E2F0D2

 EDF0EA

 F8F0FF

 FFF0FF

# Harmonies

## Analogous

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



F8DD39



ABF05A



17FB9A

# Triad

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



ABF05A



00F4FF



FF97D3

# Complementary

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



ABF05A



9F5AF0

# 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.



FFA5FF



ABF05A



47E1FF

# Square

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



ABF05A



00FEFF



EFC3FF



FFA58C

# Rectangle

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



ABF05A



00FFCD



EFC3FF



FF98EC



# Sweetspot

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



ABF05A



E9FFCF



F09D5A



728062



000000



808080



# Same Dimension

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



ABF05A



A7FF40



62F05A



72786C



63B800



1E3800



# Inverse Universe

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



9F5AF0



9840FF



E85AF0



716C78



5400B8

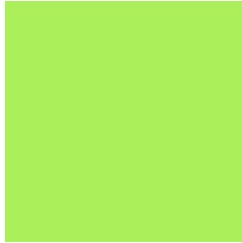


1A0038



# Previews

## White Background



This preview shows how the Hex color ABF05A looks on a white background.

## Color Contrast Check

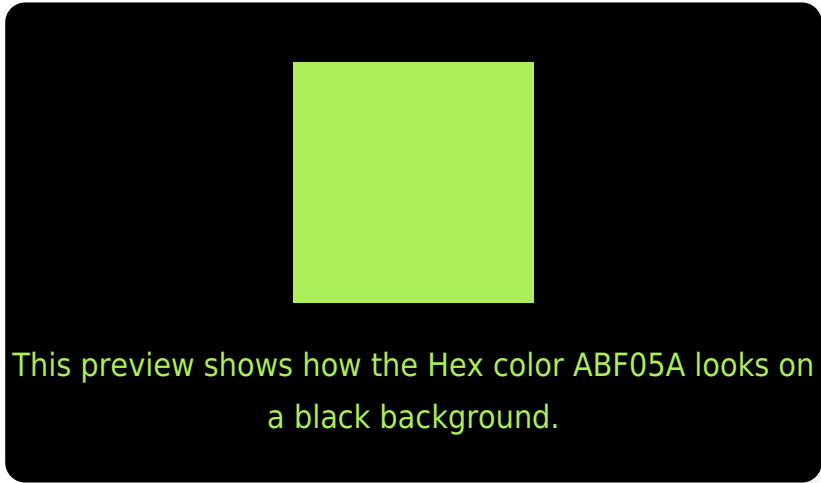
Large Text (above 18pt) WCAG AA × Fail

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 ABF05A Background



This preview shows how black text looks on a background with the Hex color ABF05A.

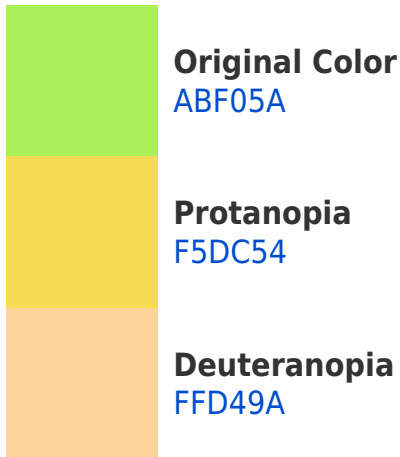


This preview shows how white text looks on a background with the Hex color ABF05A.

# Color Blindness Simulation

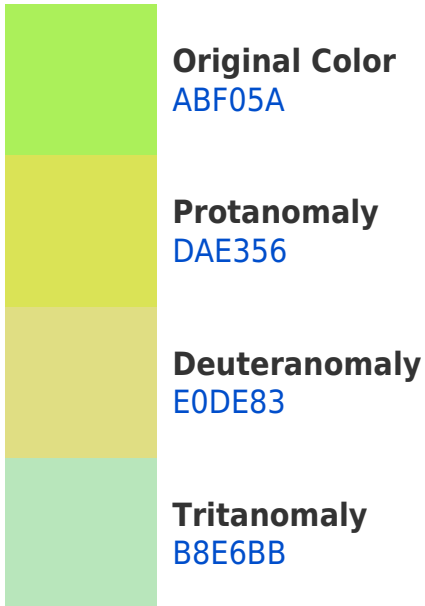
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

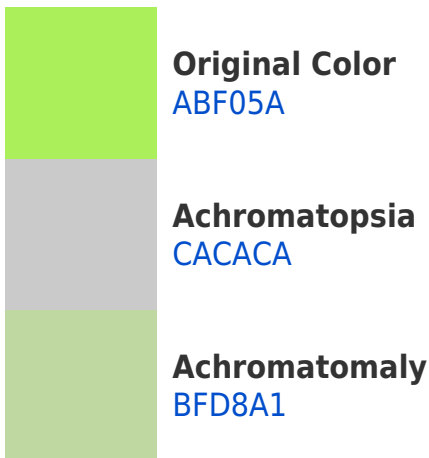




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABF05A 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 #ABF05A looks like.

```
.text, #text, p{  
    color:#ABF05A  
}
```

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 #ABF05A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABF05A
}
```

## Border

The CSS property to change the border of an element to Hex ABF05A 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
#ABF05A }
```

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

```
.border{ border-color:#ABF05A }
```

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

Here you see how a box with a 4 pixel #ABF05A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABF05A; -webkit-box-shadow:4px 4px  
4px 4px #ABF05A; box-shadow:4px 4px 4px  
4px #ABF05A }
```

# Background

The CSS property to change the background color of an element to Hex ABF05A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABF05A }
```

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

```
.background{ background-color:#ABF05A }
```

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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