

# Converting Colors

Hex(ABF562)

Have a look what the booklet for  
Hex(ABF562) contains.

|  |    |
|--|----|
| <b>Hex(ABF562)</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(ABF562)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | ABF562                     |
| RGB         | 171, 245, 98               |
| RGB Percent | 67%, 96%, 38%              |
| CMY         | 0.3294, 0.0392, 0.6157     |
| CMYK        | 0.30, 0.00, 0.60, 0.04     |
| HSL         | 90°, 88%, 67%              |
| HSV         | 90°, 60%, 96%              |
| XYZ         | 51.6516, 74.8446, 23.2794  |
| YIQ         | 206.1160, 3.0830, -61.4050 |

# Conversions

## Conversions Part 2

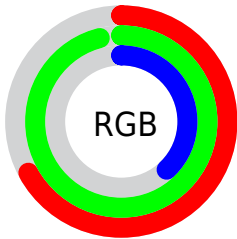
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 98, 245, 172                    |
| Decimal                             | 11269474                        |
| CIELab                              | 89.32, -45.94, 61.99            |
| CIELCh                              | 89, 77.163, 126.541             |
| Yxy                                 | 74.8446, 0.3449,<br>0.4997      |
| Android<br>(android.graphics.Color) | 4289459554<br>(0xFFABF562)      |
| YUV                                 | 206.1160, -53.3012,<br>-30.7967 |
| Hunter-Lab                          | 86.5128, -44.8257,<br>44.6048   |

# Details

The Hex color **ABF562** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **AC62F5**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **E6FF99**, and **72BC28** is the 20% darker color. If you saturate the color by 10%, you get **9FF54A**, and if you desaturate by 10%, it is **B7F57B**.

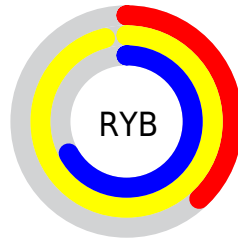
# Distribution



Red (67%)

Green (96%)

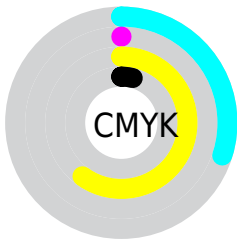
Blue (38%)



Red (38%)

Yellow (96%)

Blue (67%)

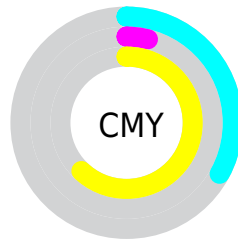


Cyan (30%)

Magenta (0%)

Yellow (60%)

Black (4%)



Cyan (33%)

Magenta (4%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABF562 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 ABF562 by changing the saturation by 10% instead.



 ABF562

FFFFFF

 E6FF99

 FFFFB6

 FFFF D2

 FFFF EF

 ABF562

 8ED846

 72BC28

 55A100

 388600

 146C00

 005300

 003B00

 002600

 000000

 ABF562

 ABF562

 9FF54A

 B7F57B

 92F531

 C4F593

 86F518

 D0F5AB

 7AF500

 DCF5C4

 E9F5DD

 F5F5F5

 FFF5FF

# Harmonies

## Analogous

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



F9E240



ABF562



09FFA3

# Triad

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



ABF562



00F8FF



FF9CD3

# Complementary

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



ABF562



AC62F5

# 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.



FFA8FF



ABF562



62E3FF

# Square

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



ABF562



00FFFF



F9C6FF



FFAB8D

# Rectangle

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



ABF562



00FFD5



F9C6FF



FF9DEC

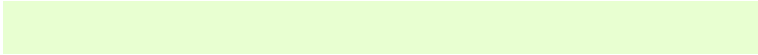


# Sweetspot

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



ABF562



E8FFD1



F5AB62



718063



000000



808080



# Same Dimension

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



ABF562



A3FF47



62F562



747A6E



5CBA00



1D3B00



# Inverse Universe

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



AC62F5



A447FF



F562F5



746E7A



5E00BA

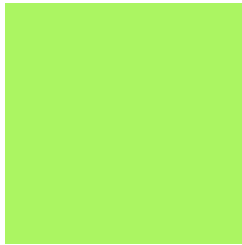


1E003B



# Previews

## White Background



This preview shows how the Hex color ABF562 looks on a white background.

## Color Contrast Check

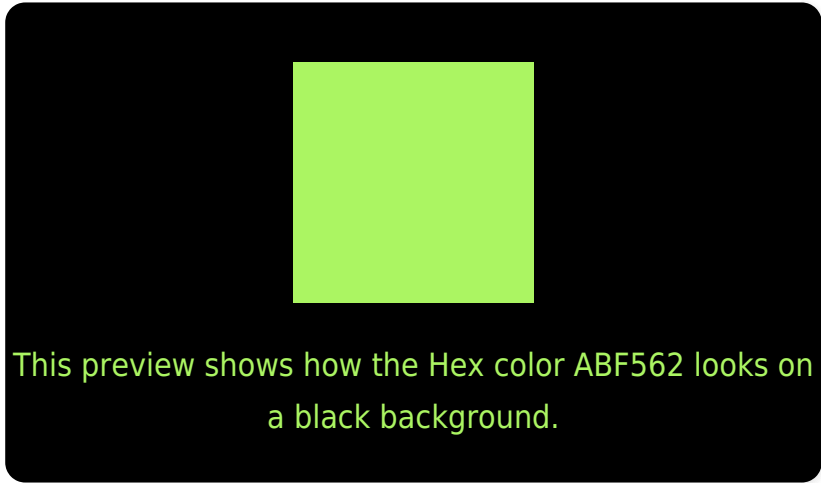
Large Text (above 18pt) WCAG AA × Fail

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 ABF562 Background



This preview shows how black text looks on a background with the Hex color ABF562.

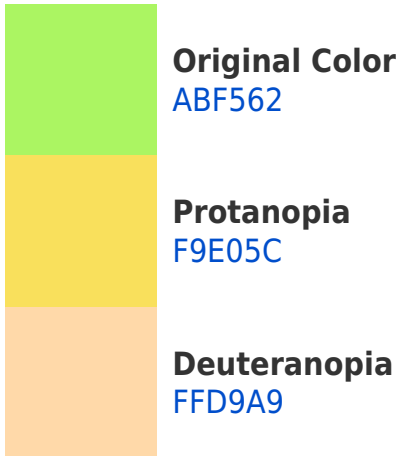


This preview shows how white text looks on a background with the Hex color ABF562.

# 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](#).

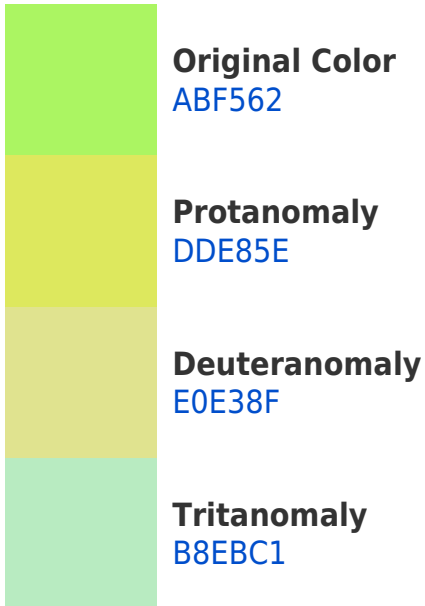
## Dichromacy



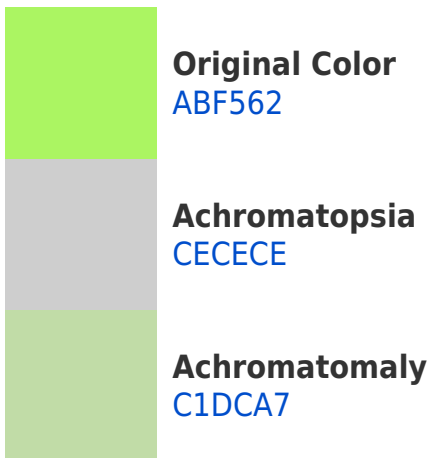


**Tritanopia**  
C0E6F8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABF562 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 #ABF562 looks like.

```
.text, #text, p{  
    color:#ABF562  
}
```

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 #ABF562 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABF562
}
```

## Border

The CSS property to change the border of an element to Hex ABF562 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
#ABF562 }
```

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

```
.border{ border-color:#ABF562 }
```

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

Here you see how a box with a 4 pixel #ABF562 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABF562; -webkit-box-shadow:4px 4px  
4px 4px #ABF562; box-shadow:4px 4px 4px  
4px #ABF562 }
```

# Background

The CSS property to change the background color of an element to Hex ABF562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABF562 }
```

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

```
.background{ background-color:#ABF562 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor