

Converting Colors

Hex(A8F542)

Have a look what the booklet for
Hex(A8F542) contains.

Hex(A8F542)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A8F542)

Conversions

Conversions Part 1

Format	Color
Hex	A8F542
RGB	168, 245, 66
RGB Percent	66%, 96%, 26%
CMY	0.3412, 0.0392, 0.7412
CMYK	0.31, 0.00, 0.73, 0.04
HSL	86°, 90%, 61%
HSV	86°, 73%, 96%
XYZ	49.7842, 74.0230, 16.8182
YIQ	201.5710, 11.5670, -71.9930

Conversions

Conversions Part 2

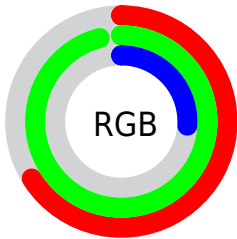
Format	Color
RYB	66, 245, 143
Decimal	11072834
CIELab	88.93, -49.25, 73.61
CIELCh	89, 88.568, 123.787
Yxy	74.0230, 0.3540, 0.5264
Android (android.graphics.Color)	4289262914 (0xFFA8F542)
YUV	201.5710, -66.8365, -29.4418
Hunter-Lab	86.0366, -47.2768, 48.6358

Details

The Hex color **A8F542** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **8F42F5**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **E3FF7D**, and **6DBC00** is the 20% darker color. If you saturate the color by 10%, you get **9DF52A**, and if you desaturate by 10%, it is **B3F55B**.

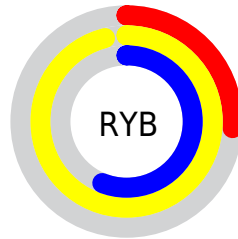
Distribution



Red (66%)

Green (96%)

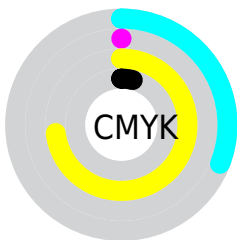
Blue (26%)



Red (26%)

Yellow (96%)

Blue (56%)

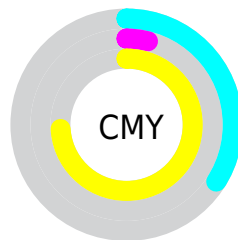


Cyan (31%)

Magenta (0%)

Yellow (73%)

Black (4%)



Cyan (34%)

Magenta (4%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color A8F542 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 A8F542 by changing the saturation by 10% instead.

 A8F542

 A8F542

FFFFFF

 8BD81E

 E3FF7D

 6DBC00

 FFFF9A

 50A100

 FFFFB7

 2F8600

 FFFF D4

 006C00

 FFFFF1

 005300

 003B00

 002500

 000000

 A8F542

 A8F542

 9DF52A

 B3F55B

 93F511

 BDF573

 8CF500

 C8F58C

 D2F5A4

 DDF5BD

 E7F5D5

 F2F5EE

 FCF5FF

 FFF5FF

Harmonies

Analogous

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



FFDF02



A8F542



00FF91

Triad

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



A8F542



00FBFF



FF8AD8

Complementary

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



A8F542



8F42F5

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.



FF9EFF



A8F542



00E6FF

Square

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



A8F542



00FFFF



EEC4FF



FF9B86

Rectangle

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



A8F542



00FFCA



EEC4FF



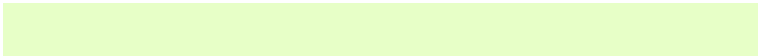
FF8DF5

Sweetspot

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



A8F542



E7FFC7



F58D42



71805E



000000



808080

Same Dimension

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



A8F542



9EFF1F



51F542



757A6E



6ABA00



213B00

Inverse Universe

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



8F42F5



7F1FFF



E642F5



736E7A



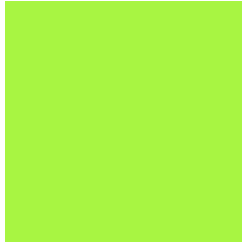
5000BA



19003B

Previews

White Background



This preview shows how the Hex color A8F542 looks on a white background.

Color Contrast Check

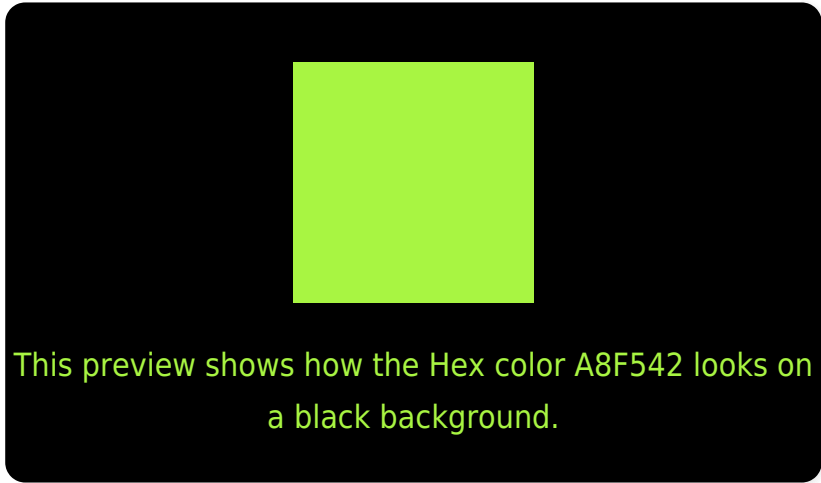
Large Text (above 18pt) WCAG AA × Fail

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

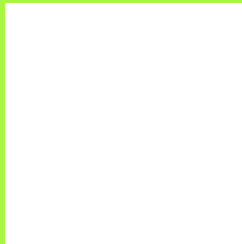
Any Text WCAG AAA ✓ Pass

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

Hex A8F542 Background



This preview shows how black text looks on a background with the Hex color A8F542.

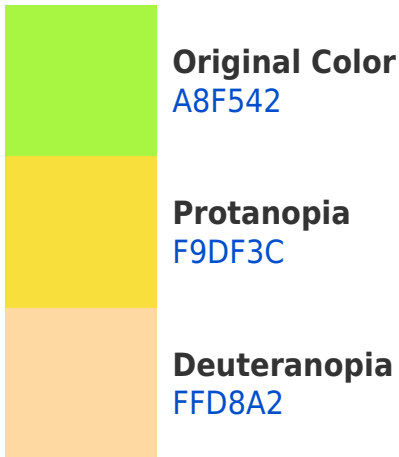


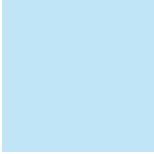
This preview shows how white text looks on a background with the Hex color A8F542.

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](#).

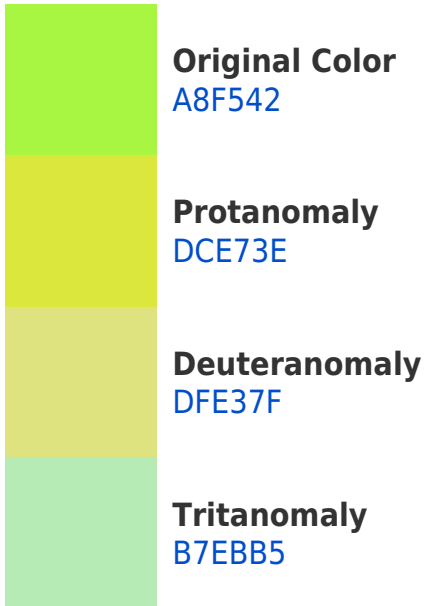
Dichromacy



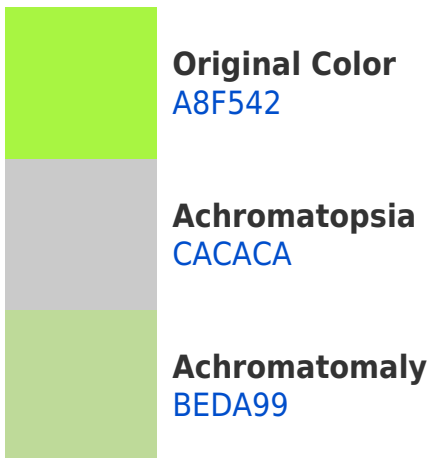


Tritanopia
BFE5F7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A8F542 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 #A8F542 looks like.

```
.text, #text, p{  
    color:#A8F542  
}
```

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 #A8F542 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8F542
}
```

Border

The CSS property to change the border of an element to Hex A8F542 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
#A8F542 }
```

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

```
.border{ border-color:#A8F542 }
```

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

Here you see how a box with a 4 pixel #A8F542 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8F542; -webkit-box-shadow:4px 4px  
4px 4px #A8F542; box-shadow:4px 4px 4px  
4px #A8F542 }
```

Background

The CSS property to change the background color of an element to Hex A8F542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8F542 }
```

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

```
.background{ background-color:#A8F542 }
```

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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