

# Converting Colors

Hex(A5F745)

Have a look what the booklet for  
Hex(A5F745) contains.

<b>Hex(A5F745)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A5F745)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A5F745
RGB	165, 247, 69
RGB Percent	65%, 97%, 27%
CMY	0.3529, 0.0314, 0.7294
CMYK	0.33, 0.00, 0.72, 0.03
HSL	88°, 92%, 62%
HSV	88°, 72%, 97%
XYZ	49.8520, 74.9505, 17.4697
YIQ	202.1900, 8.2660, -72.7420

# Conversions

## Conversions Part 2

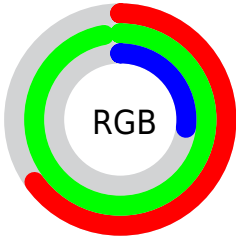
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 247, 151
Decimal	10876741
CIELab	89.37, -50.95, 72.99
CIELCh	89, 89.019, 124.916
Yxy	74.9505, 0.3504, 0.5268
Android (android.graphics.Color)	4289066821 (0xFFA5F745)
YUV	202.1900, -65.6627, -32.6156
Hunter-Lab	86.5740, -48.7186, 48.6377

# Details

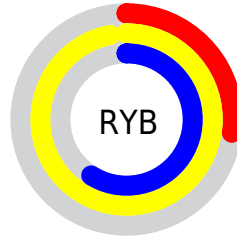
The Hex color **A5F745** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **9745F7**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **E1FF80**, and **6ABE00** is the 20% darker color. If you saturate the color by 10%, you get **9AF72C**, and if you desaturate by 10%, it is **B0F75E**.

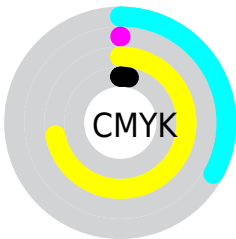
# Distribution



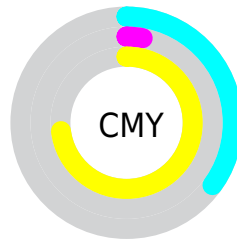
- Red (65%)
- Green (97%)
- Blue (27%)



- Red (27%)
- Yellow (97%)
- Blue (59%)



- Cyan (33%)
- Magenta (0%)
- Yellow (72%)
- Black (3%)



- Cyan (35%)
- Magenta (3%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5F745 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 A5F745 by changing the saturation by 10% instead.



 A5F745

 A5F745

FFFFFF

 88DA22

 E1FF80

 6ABE00

 FFFF9C

 4CA300

 FFFFB9

 2B8800

 FFFF D6

 006E00

 FFFFF4

 005500

 003C00

 002600

 000000

 A5F745

 A5F745

 9AF72C

 B0F75E

 8EF714

 BCF776

 85F700

 C7F78F

 D3F7A8

 DEF7C1

 E9F7D9

 F5F7F2

 FFF7FF

# Harmonies

## Analogous

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



FEE102



A5F745



00FF94

# Triad

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



A5F745



00FCFF



FF8BD6

# Complementary

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



A5F745



9745F7

# 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.



FF9DFF



A5F745



00E6FF

# Square

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



A5F745



00FFFF



F4C4FF



FF9D84

# Rectangle

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



A5F745



00FFCF



F4C4FF



FF8DF3

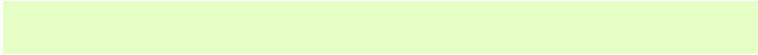


# Sweetspot

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



A5F745



E5FFC7



F79545



70805E



000000



808080



# Same Dimension

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



A5F745



9AFF24



4EF745



757A6E



64BA00



203B00



# Inverse Universe

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



9745F7



8924FF



EE45F7



746E7A



5600BA

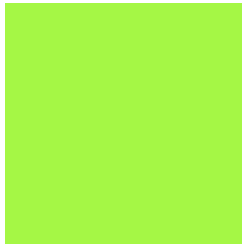


1B003B



# Previews

## White Background



This preview shows how the Hex color A5F745 looks on a white background.

## Color Contrast Check

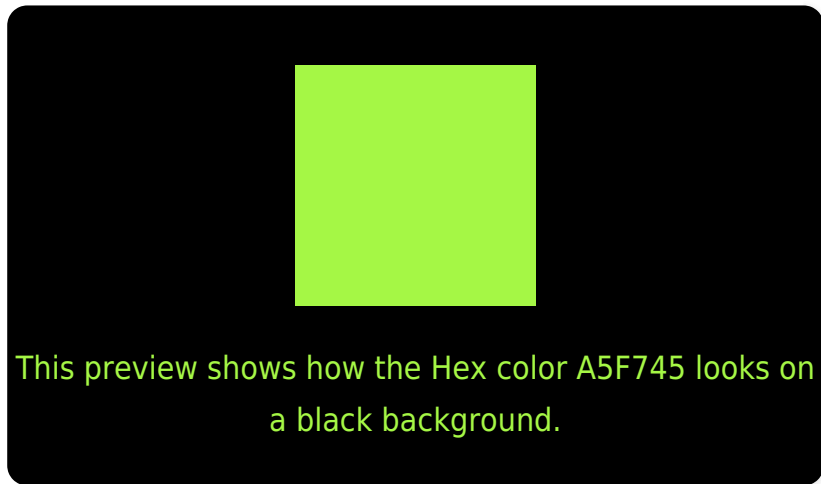
Large Text (above 18pt) WCAG AA × Fail

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

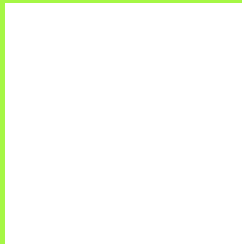
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A5F745 Background



This preview shows how black text looks on a background with the Hex color A5F745.

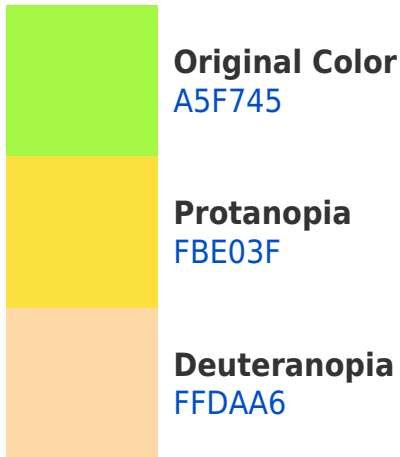


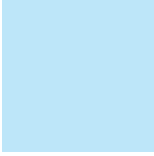
This preview shows how white text looks on a background with the Hex color A5F745.

# 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



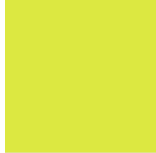


**Tritanopia**  
BDE6F9

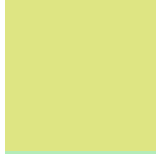
# Trichromacy



**Original Color**  
A5F745



**Protanomaly**  
DCE841

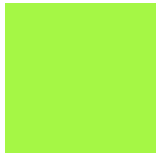


**Deuteranomaly**  
DEE583

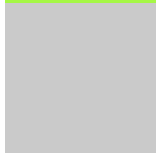


**Tritanomaly**  
B4ECB8

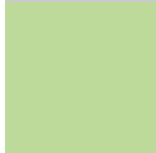
# Monochromacy



**Original Color**  
A5F745



**Achromatopsia**  
CACACA



**Achromatomaly**  
BDDA9A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5F745 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 #A5F745 looks like.

```
.text, #text, p{  
    color:#A5F745  
}
```

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 #A5F745 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5F745
}
```

## Border

The CSS property to change the border of an element to Hex A5F745 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
#A5F745 }
```

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

```
.border{ border-color:#A5F745 }
```

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

Here you see how a box with a 4 pixel #A5F745 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5F745; -webkit-box-shadow:4px 4px  
4px 4px #A5F745; box-shadow:4px 4px 4px  
4px #A5F745 }
```

# Background

The CSS property to change the background color of an element to Hex A5F745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5F745 }
```

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

```
.background{ background-color:#A5F745 }
```

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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