

# Converting Colors

Hex(A5FFC5)

Have a look what the booklet for  
Hex(A5FFC5) contains.

|  |    |
|--|----|
| <b>Hex(A5FFC5)</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(A5FFC5)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | A5FFC5                       |
| RGB         | 165, 255, 197                |
| RGB Percent | 65%, 100%, 77%               |
| CMY         | 0.3529, 0.0000, 0.2275       |
| CMYK        | 0.35, 0.00, 0.23, 0.00       |
| HSL         | 141°, 100%, 82%              |
| HSV         | 141°, 35%, 100%              |
| XYZ         | 61.3551, 83.5506, 65.7164    |
| YIQ         | 221.4780, -35.0220, -37.1180 |

# Conversions

## Conversions Part 2

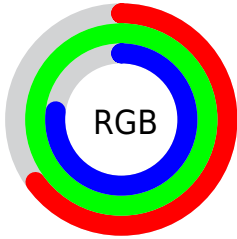
| <b>Format</b>                       | <b>Color</b>                                 |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">165, 231, 255</a>                |
| Decimal                             | <a href="#">10878917</a>                     |
| CIELab                              | <a href="#">93.25, -38.80, 19.35</a>         |
| CIElCh                              | <a href="#">93, 43.361, 153.494</a>          |
| Yxy                                 | <a href="#">83.5506, 0.2913, 0.3967</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4289068997<br/>(0xFFA5FFC5)</a>  |
| YUV                                 | <a href="#">221.4780, -12.0677, -49.5312</a> |
| Hunter-Lab                          | <a href="#">91.4060, -40.1447, 21.3576</a>   |

# Details

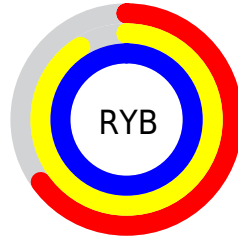
The Hex color **A5FFC5** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FFA5DF**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **DEFFFE**, and **6DC68F** is the 20% darker color. If you saturate the color by 10%, you get **8CFFB5**, and if you desaturate by 10%, it is **BFFFD5**.

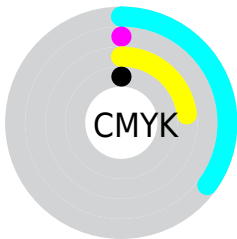
# Distribution



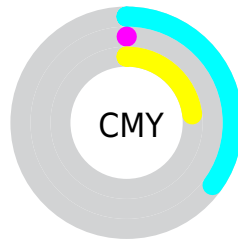
- Red (65%)
- Green (100%)
- Blue (77%)



- Red (65%)
- Yellow (91%)
- Blue (100%)



- Cyan (35%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)



- Cyan (35%)
- Magenta (0%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5FFC5 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 A5FFC5 by changing the saturation by 10% instead.



 A5FFC5

 A5FFC5

FFFFFF

 89E2AA

 DEFFFE

 6DC68F

 FCFFFF

 52AA75

 368F5C

 147545

 005C2E

 004418

 002D00

 001400

 A5FFC5

 A5FFC5

 8CFFB5

 BFFFD5

 72FFA4

 D8FFE6

 59FF94

 F2FFF6

 3FFF83

FFFFFF

 26FF73

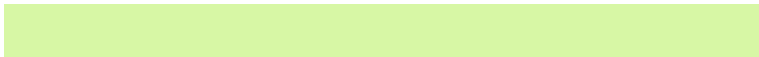
 0CFF62

 00FF5B

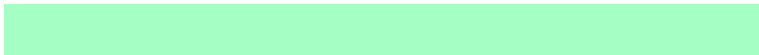
# Harmonies

## Analogous

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



D7F7A5



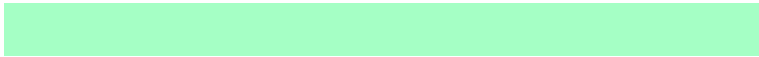
A5FFC5



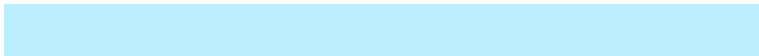
72FFEF

# Triad

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



A5FFC5



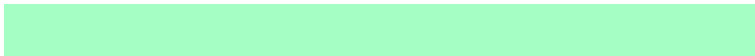
BAEEFF



FFD0C0

# Complementary

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



A5FFC5



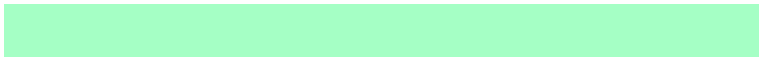
FFA5DF

# 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.



F7CCE8



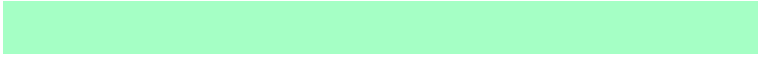
A5FFC5



F7DFFF

# Square

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



A5FFC5



78FAFF



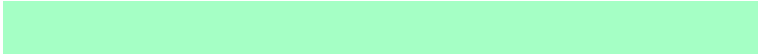
FFD2FF



FFDCA2

# Rectangle

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



A5FFC5



59FFFF



FFD2FF

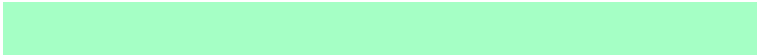


FFCECC

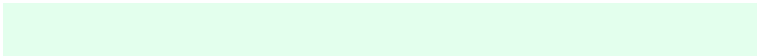


# Sweetspot

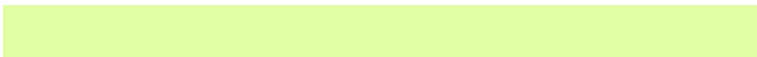
The Sweet Spot groups the original color and five complimentary colors.



A5FFC5



E3FFED



E0FFA5



6F8075



000000

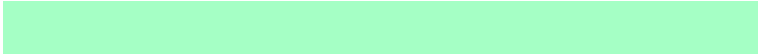


808080

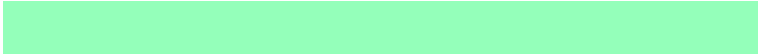


# Same Dimension

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



A5FFC5



94FFBA



A5FFF1



738077



00BF44



004017



# Inverse Universe

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



FFA5DF



FF94D9



FFA5B3



80737B



BF007B

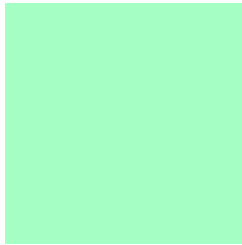


400029



# Previews

## White Background



This preview shows how the Hex color A5FFC5 looks on a white background.

## Color Contrast Check

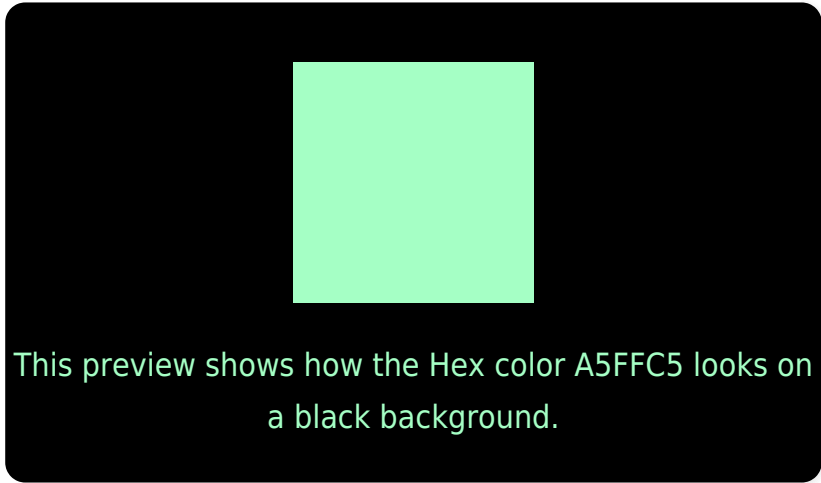
Large Text (above 18pt) WCAG AA × Fail

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

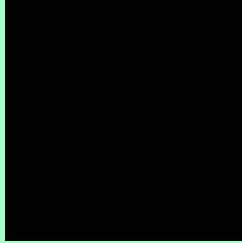
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A5FFC5 Background



This preview shows how black text looks on a background with the Hex color A5FFC5.

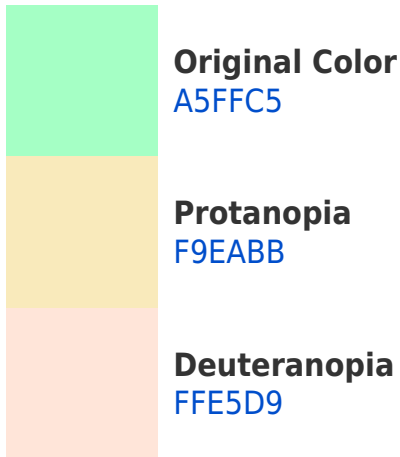


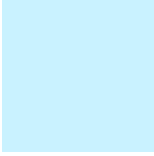
This preview shows how white text looks on a background with the Hex color A5FFC5.

# 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



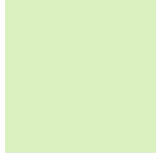


**Tritanopia**  
C9F2FF

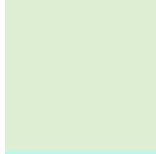
# Trichromacy



**Original Color**  
A5FFC5



**Protanomaly**  
DAF2BF

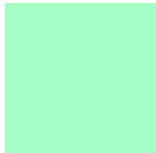


**Deuteranomaly**  
DEEED2

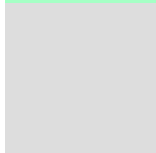


**Tritanomaly**  
BCF7EA

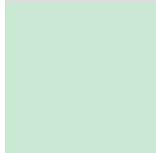
# Monochromacy



**Original Color**  
A5FFC5



**Achromatopsia**  
DDDDDD



**Achromatomaly**  
C9E9D4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5FFC5 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 #A5FFC5 looks like.

```
.text, #text, p{  
  color:#A5FFC5  
}
```

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 #A5FFC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5FFC5
}
```

## Border

The CSS property to change the border of an element to Hex A5FFC5 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
#A5FFC5 }
```

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

```
.border{ border-color:#A5FFC5 }
```

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

Here you see how a box with a 4 pixel #A5FFC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5FFC5; -webkit-box-shadow:4px 4px  
4px 4px #A5FFC5; box-shadow:4px 4px 4px  
4px #A5FFC5 }
```

# Background

The CSS property to change the background color of an element to Hex A5FFC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5FFC5 }
```

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

```
.background{ background-color:#A5FFC5 }
```

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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