

Converting Colors

Hex(A5FB96)

Have a look what the booklet for
Hex(A5FB96) contains.

Hex(A5FB96)	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(A5FB96)

Conversions

Conversions Part 1

Format	Color
Hex	A5FB96
RGB	165, 251, 150
RGB Percent	65%, 98%, 59%
CMY	0.3529, 0.0157, 0.4118
CMYK	0.34, 0.00, 0.40, 0.02
HSL	111°, 93%, 79%
HSV	111°, 40%, 98%
XYZ	55.5193, 79.1957, 41.2143
YIQ	213.7720, -18.8350, -49.6430

Conversions

Conversions Part 2

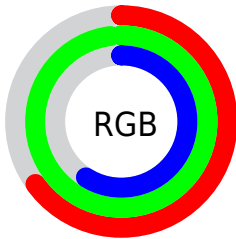
Format	Color
RYB	150, 251, 236
Decimal	10877846
CIELab	91.32, -44.63, 40.36
CIELCh	91, 60.179, 137.876
Yxy	79.1957, 0.3156, 0.4502
Android (android.graphics.Color)	4289067926 (0xFFA5FB96)
YUV	213.7720, -31.4396, -42.7730
Hunter-Lab	88.9920, -44.3755, 34.8358

Details

The Hex color **A5FB96** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EC96FB**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **DFFCD**, and **6DC262** is the 20% darker color. If you saturate the color by 10%, you get **90FB7D**, and if you desaturate by 10%, it is **BAFBAF**.

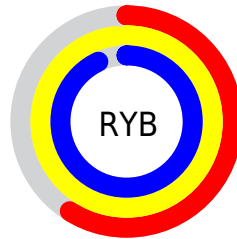
Distribution



Red (65%)

Green (98%)

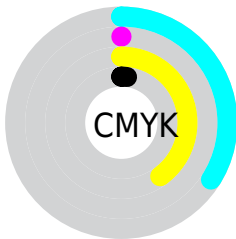
Blue (59%)



Red (59%)

Yellow (98%)

Blue (93%)

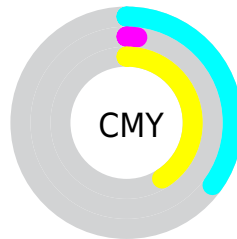


Cyan (34%)

Magenta (0%)

Yellow (40%)

Black (2%)



Cyan (35%)

Magenta (2%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color A5FB96 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 A5FB96 by changing the saturation by 10% instead.

 A5FB96

FFFFFF

 DFFLCD

 FCFFEA

 A5FB96

 89DE7B

 6DC262

 51A648

 348B2F

 107115

 005800

 004000

 002A00

 000900

 A5FB96

 A5FB96

 90FB7D

 BAFBAF

 7AFB64

 D0FBC8

 65FB4B

 E5FBE1

 50FB32

 FAFBFA

 3AFB19

 FFFBFF

 25FB00

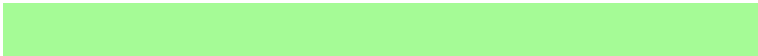
Harmonies

Analogous

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



E7EE74



A5FB96



43FFCC

Triad

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



A5FB96



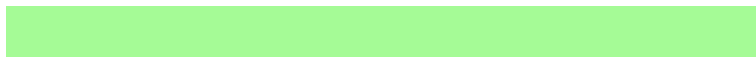
3BF3FF



FFB8C6

Complementary

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



A5FB96



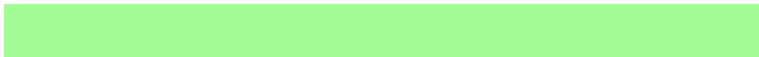
EC96FB

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.



FFB9FF



A5FB96



C5E0FF

Square

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



A5FB96



00FFFF



FFCAFF



FFC693

Rectangle

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



A5FB96



00FFF4



FFCAFF



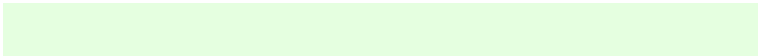
FFB6D9

Sweetspot

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



A5FB96



E5FFE0



FBEC96



70806E



000000



808080

Same Dimension

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



A5FB96



97FF85



96FBB9



727D70



1CBD00



093D00

Inverse Universe

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



EC96FB



ED85FF



FB96D8



7B707D



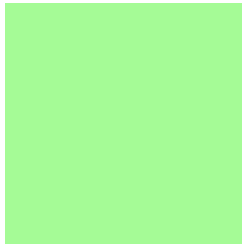
A100BD



34003D

Previews

White Background



This preview shows how the Hex color A5FB96 looks on a white background.

Color Contrast Check

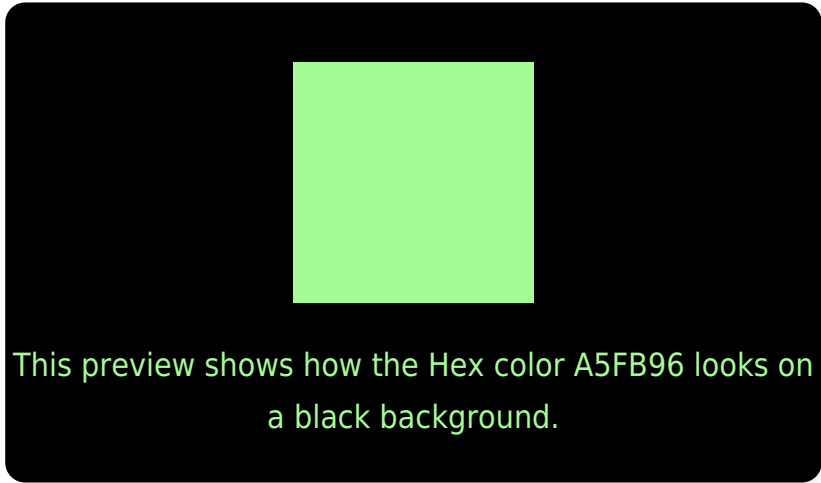
Large Text (above 18pt) WCAG AA × Fail

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

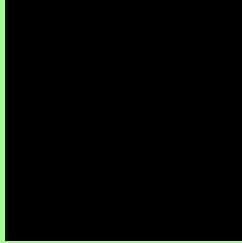
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

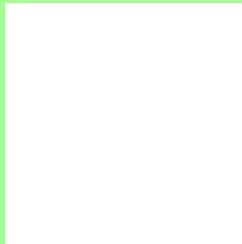
Any Text WCAG AAA ✓ Pass

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

Hex A5FB96 Background



This preview shows how black text looks on a background with the Hex color A5FB96.

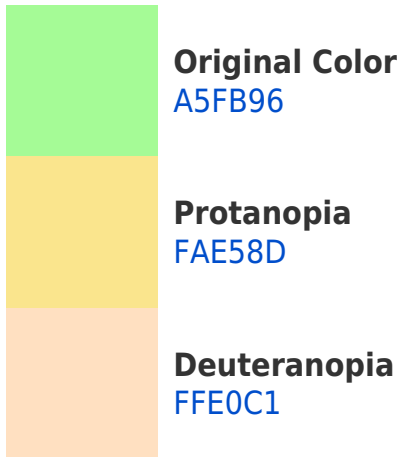


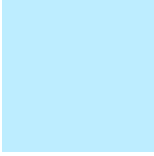
This preview shows how white text looks on a background with the Hex color A5FB96.

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



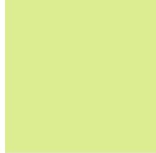


Tritanopia
BDEDFE

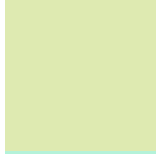
Trichromacy



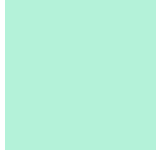
Original Color
A5FB96



Protanomaly
DBED90

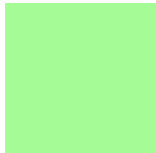


Deuteranomaly
DEEAB1

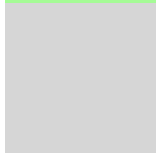


Tritanomaly
B4F2D9

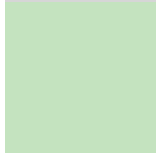
Monochromacy



Original Color
A5FB96



Achromatopsia
D6D6D6



Achromatomaly
C4E3BF

CSS Examples

Text

The CSS property to change the color of the text to Hex A5FB96 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 #A5FB96 looks like.

```
.text, #text, p{  
    color:#A5FB96  
}
```

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 #A5FB96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5FB96  
}
```

Border

The CSS property to change the border of an element to Hex A5FB96 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  
#A5FB96 }
```

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

```
.border{ border-color:#A5FB96 }
```

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

Here you see how a box with a 4 pixel #A5FB96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5FB96; -webkit-box-shadow:4px 4px  
4px 4px #A5FB96; box-shadow:4px 4px 4px  
4px #A5FB96 }
```

Background

The CSS property to change the background color of an element to Hex A5FB96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5FB96 }
```

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

```
.background{ background-color:#A5FB96 }
```

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