

Converting Colors

Hex(A6F09C)

Have a look what the booklet for
Hex(A6F09C) contains.

Hex(A6F09C)	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(A6F09C)

Conversions

Conversions Part 1

Format	Color
Hex	A6F09C
RGB	166, 240, 156
RGB Percent	65%, 94%, 61%
CMY	0.3490, 0.0588, 0.3882
CMYK	0.31, 0.00, 0.35, 0.06
HSL	113°, 74%, 78%
HSV	113°, 35%, 94%
XYZ	52.8867, 72.8275, 42.7222
YIQ	208.2980, -17.1400, -41.8120

Conversions

Conversions Part 2

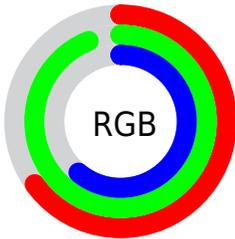
Format	Color
RYB	156, 240, 230
Decimal	10940572
CIELab	88.37, -38.60, 33.52
CIELCh	88, 51.125, 139.028
Yxy	72.8275, 0.3140, 0.4324
Android (android.graphics.Color)	4289130652 (0xFFA6F09C)
YUV	208.2980, -25.7829, -37.0953
Hunter-Lab	85.3390, -38.7223, 30.0557

Details

The Hex color **A6F09C** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E69CF0**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **DFFFD3**, and **6FB868** is the 20% darker color. If you saturate the color by 10%, you get **91F084**, and if you desaturate by 10%, it is **BBF0B4**.

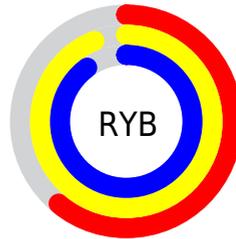
Distribution



Red (65%)

Green (94%)

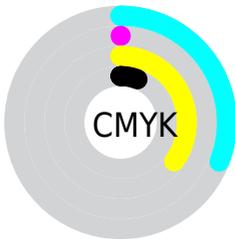
Blue (61%)



Red (61%)

Yellow (94%)

Blue (90%)

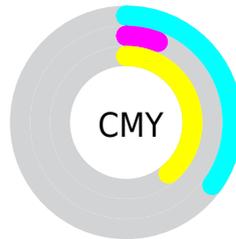


Cyan (31%)

Magenta (0%)

Yellow (35%)

Black (6%)



Cyan (35%)

Magenta (6%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6F09C 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 A6F09C by changing the saturation by 10% instead.

 A6F09C

 A6F09C

FFFFFF

 8AD382

 DFFFD3

 6FB868

 FCFF0

 549C4F

 398237

 1C681F

 004F05

 003800

 002400

 000000

 A6F09C

 A6F09C

 91F084

 BBF0B4

 7CF06C

 D0F0CC

 67F054

 E5F0E4

 51F03C

 FBF0FC

 3CF024

 FFF0FF

 27F00C

 1DF000

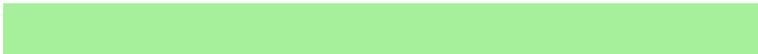
Harmonies

Analogous

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



DEE57F



A6F09C



61F6CA

Triad

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



A6F09C



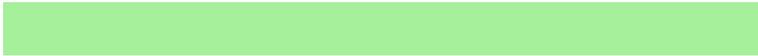
6DE8FF



FFB8C0

Complementary

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



A6F09C



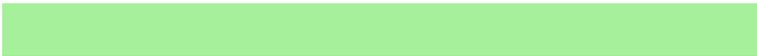
E69CF0

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.



FFB9F2



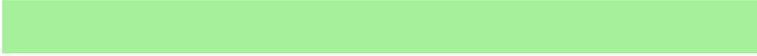
A6F09C



C8D8FF

Square

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



A6F09C



00F3FF



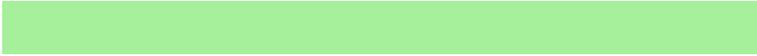
FFC6FF



FFC496

Rectangle

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



A6F09C



00F7EB



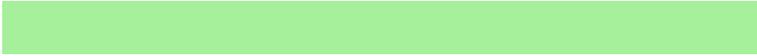
FFC6FF



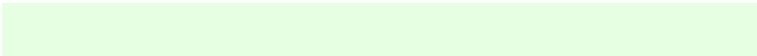
FFB7D1

Sweetspot

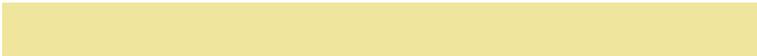
The Sweet Spot groups the original color and five complimentary colors.



A6F09C



E6FFE3



F0E59C



71806F



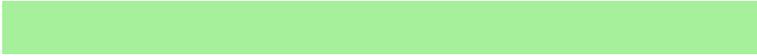
000000



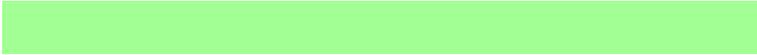
808080

Same Dimension

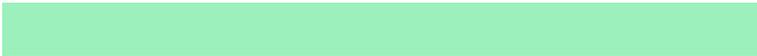
The Same Dimension uses a secret algorithm to generate beautiful new colors.



A6F09C



A1FF94



9CF0BB



6D786C



16B800



073800

Inverse Universe

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



E69CF0



F294FF



F09CD1



766C78



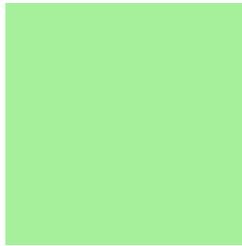
A200B8



310038

Previews

White Background



This preview shows how the Hex color A6F09C looks on a white background.

Color Contrast Check

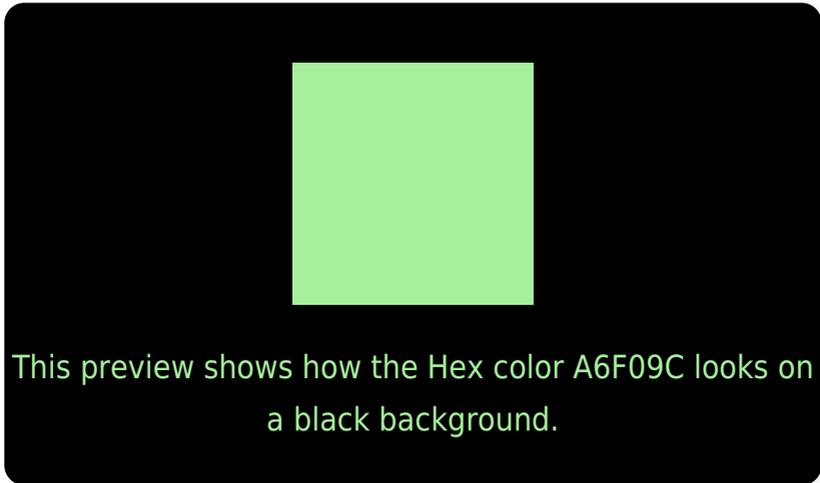
Large Text (above 18pt) WCAG AA × Fail

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

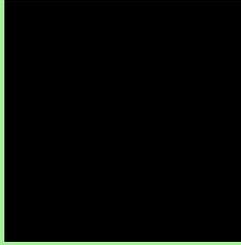
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

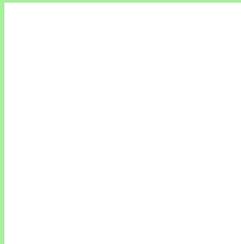
Any Text WCAG AAA ✓ Pass

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

Hex A6F09C Background



This preview shows how black text looks on a background with the Hex color A6F09C.

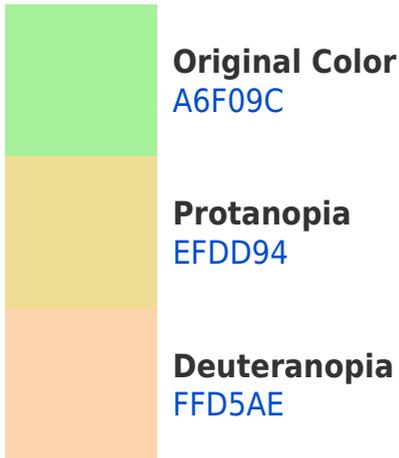


This preview shows how white text looks on a background with the Hex color A6F09C.

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
B6E5F7

Trichromacy



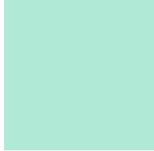
Original Color
A6F09C



Protanomaly
D4E497



Deuteranomaly
DFDFA7

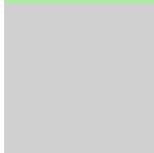


Tritanomaly
B0E9D6

Monochromacy



Original Color
A6F09C



Achromatopsia
D0D0D0



Achromatomaly
C1DCBD

CSS Examples

Text

The CSS property to change the color of the text to Hex A6F09C 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 #A6F09C looks like.

```
.text, #text, p{  
    color:#A6F09C  
}
```

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 #A6F09C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6F09C
}
```

Border

The CSS property to change the border of an element to Hex A6F09C 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
#A6F09C }
```

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

```
.border{ border-color:#A6F09C }
```

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

Here you see how a box with a 4 pixel #A6F09C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6F09C; -webkit-box-shadow:4px 4px  
4px 4px #A6F09C; box-shadow:4px 4px 4px  
4px #A6F09C }
```

Background

The CSS property to change the background color of an element to Hex A6F09C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6F09C }
```

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

```
.background{ background-color:#A6F09C }
```

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