

Converting Colors

Hex(C5F6A6)

Have a look what the booklet for
Hex(C5F6A6) contains.

| | |
|--|----|
| Hex(C5F6A6) | 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(C5F6A6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C5F6A6 |
| RGB | 197, 246, 166 |
| RGB Percent | 77%, 96%, 65% |
| CMY | 0.2275, 0.0353, 0.3490 |
| CMYK | 0.20, 0.00, 0.33, 0.04 |
| HSL | 97°, 82%, 81% |
| HSV | 97°, 33%, 96% |
| XYZ | 62.8647, 80.5350, 48.3079 |
| YIQ | 222.2290, -3.5240, -35.2680 |

Conversions

Conversions Part 2

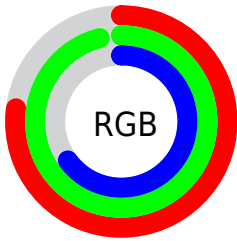
| Format | Color |
|-------------------------------------|--|
| RYB | 166, 246, 215 |
| Decimal | 12973734 |
| CIELab | 91.92, -29.55, 33.54 |
| CIElCh | 92, 44.700, 131.387 |
| Yxy | 80.5350, 0.3279, 0.4201 |
| Android (android.graphics.Color) | 4291163814 (0xFFC5F6A6) |
| YUV | 222.2290, -27.7209, -22.1258 |
| Hunter-Lab | 89.7413, -32.0063, 30.9030 |

Details

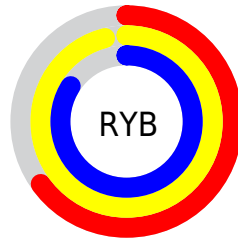
The Hex color **C5F6A6** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D7A6F6**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFFDE**, and **8EBD71** is the 20% darker color. If you saturate the color by 10%, you get **B6F68D**, and if you desaturate by 10%, it is **D4F6BF**.

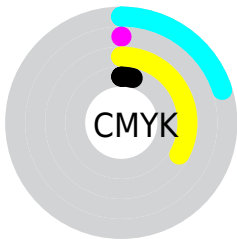
Distribution



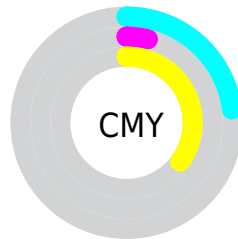
- Red (77%)
- Green (96%)
- Blue (65%)



- Red (65%)
- Yellow (96%)
- Blue (84%)



- Cyan (20%)
- Magenta (0%)
- Yellow (33%)
- Black (4%)



- Cyan (23%)
- Magenta (4%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5F6A6 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 C5F6A6 by changing the saturation by 10% instead.

 C5F6A6

FFFFFF

 FFFFDE

 FFFFFA

 C5F6A6

 A9D98B

 8EBD71

 73A258

 5A8840

 406E28

 275610

 0D3E00

 002800

 000D00

 C5F6A6

 C5F6A6

 B6F68D

 D4F6BF

 A7F675

 E3F6D7

 98F65C

 F2F6F0

 89F644

 FFF6FF

 7AF62B

 6BF612

 5FF600

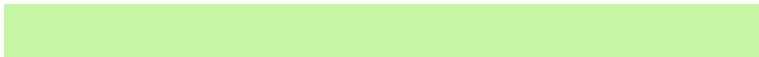
Harmonies

Analogous

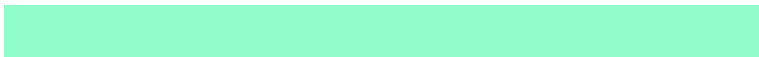
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F4EA93



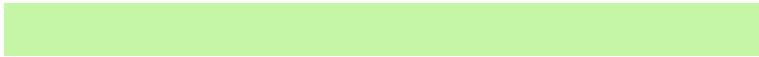
C5F6A6



90FDCB

Triad

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



C5F6A6



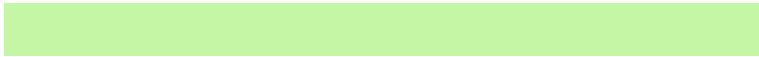
7FF4FF



FFC7D9

Complementary

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



C5F6A6



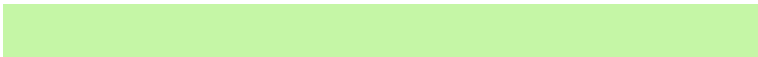
D7A6F6

Split Complementary

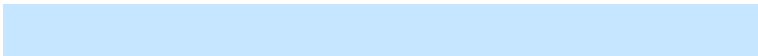
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCAFF



C5F6A6



C6E6FF

Square

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



C5F6A6



47FCFF



FFD7FF



FFCEB1

Rectangle

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



C5F6A6



6CFFE8



FFD7FF



FFC7E7

Sweetspot

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



C5F6A6



EFFFE6



F6D6A6



768070



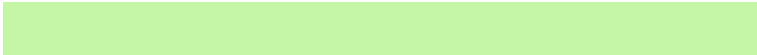
000000



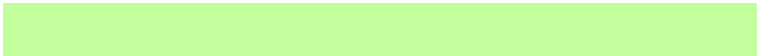
808080

Same Dimension

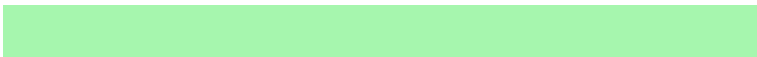
The Same Dimension uses a secret algorithm to generate beautiful new colors.



C5F6A6



C2FF9C



A6F6AE



737A6E



48BA00



173B00

Inverse Universe

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



D7A6F6



D89CFF



F6A6EE



766E7A



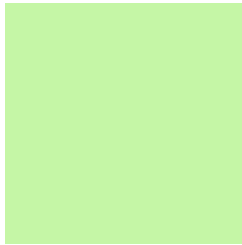
7200BA



24003B

Previews

White Background



This preview shows how the Hex color C5F6A6 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



This preview shows how the Hex color C5F6A6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

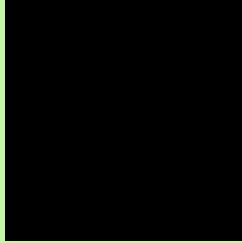
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

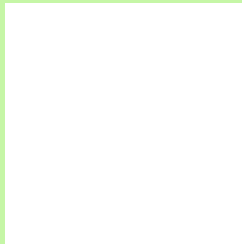
Any Text WCAG AAA ✓ Pass

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

Hex C5F6A6 Background



This preview shows how black text looks on a background with the Hex color C5F6A6.

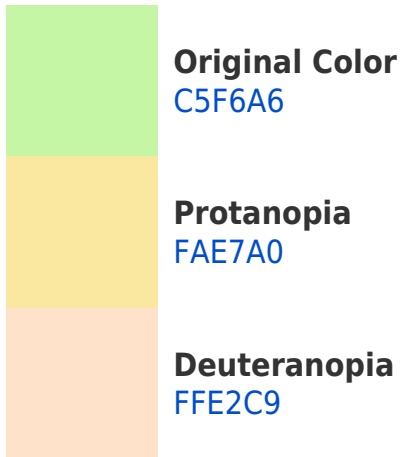


This preview shows how white text looks on a background with the Hex color C5F6A6.

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



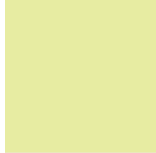


Tritanopia
D3EBFE

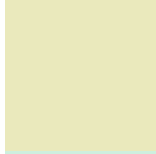
Trichromacy



Original Color
C5F6A6



Protanomaly
E7ECA2



Deuteranomaly
EAE9BC

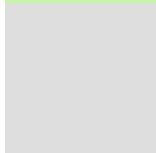


Tritanomaly
CEEFDE

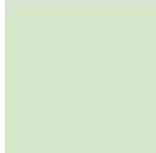
Monochromacy



Original Color
C5F6A6



Achromatopsia
DEDEDE



Achromatomaly
D5E7CA

CSS Examples

Text

The CSS property to change the color of the text to Hex C5F6A6 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 #C5F6A6 looks like.

```
.text, #text, p{  
    color:#C5F6A6  
}
```

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 #C5F6A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5F6A6
}
```

Border

The CSS property to change the border of an element to Hex C5F6A6 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
#C5F6A6 }
```

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

```
.border{ border-color:#C5F6A6 }
```

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

Here you see how a box with a 4 pixel #C5F6A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5F6A6; -webkit-box-shadow:4px 4px  
4px 4px #C5F6A6; box-shadow:4px 4px 4px  
4px #C5F6A6 }
```

Background

The CSS property to change the background color of an element to Hex C5F6A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5F6A6 }
```

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

```
.background{ background-color:#C5F6A6 }
```

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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