

Converting Colors

Hex(C5F286)

Have a look what the booklet for
Hex(C5F286) contains.

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Color

Hex(C5F286)

Conversions

Conversions Part 1

Format	Color
Hex	C5F286
RGB	197, 242, 134
RGB Percent	77%, 95%, 53%
CMY	0.2275, 0.0510, 0.4745
CMYK	0.19, 0.00, 0.45, 0.05
HSL	85°, 81%, 74%
HSV	85°, 45%, 95%
XYZ	59.0812, 77.0958, 34.3213
YIQ	216.2330, 7.8480, -43.1280

Conversions

Conversions Part 2

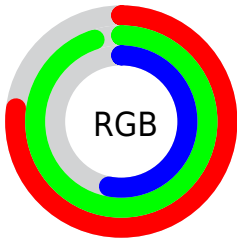
Format	Color
RYB	134, 242, 179
Decimal	12972678
CIELab	90.37, -31.76, 47.28
CIElCh	90, 56.952, 123.889
Yxy	77.0958, 0.3465, 0.4522
Android (android.graphics.Color)	4291162758 (0xFFC5F286)
YUV	216.2330, -40.5409, -16.8673
Hunter-Lab	87.8042, -33.5494, 38.2874

Details

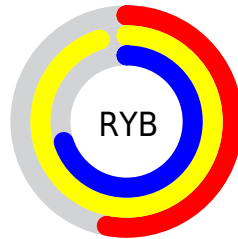
The Hex color **C5F286** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B386F2**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFBD**, and **8DBA52** is the 20% darker color. If you saturate the color by 10%, you get **BBF26E**, and if you desaturate by 10%, it is **CFF29E**.

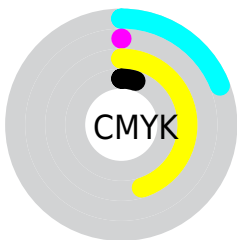
Distribution



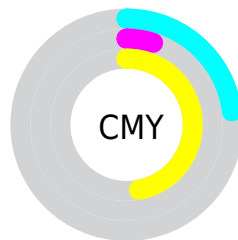
- Red (77%)
- Green (95%)
- Blue (53%)



- Red (53%)
- Yellow (95%)
- Blue (70%)



- Cyan (19%)
- Magenta (0%)
- Yellow (45%)
- Black (5%)



- Cyan (23%)
- Magenta (5%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5F286 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 C5F286 by changing the saturation by 10% instead.

 C5F286

FFFFFF

 FFFFBD

 FFFFD9

 FFFFF6

 C5F286

 A9D66C

 8DBA52

 729F38

 58841D

 3D6B00

 235200

 023B00

 002600

 000300

 C5F286

 C5F286

 BBF26E

 CFF29E

 B1F256

 D9F2B6

 A7F23D

 E3F2CF

 9DF225

 EDF2E7

 93F20D

 F7F2FF

 8DF200

 FFF2FF

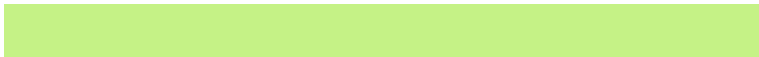
Harmonies

Analogous

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



FEE374



C5F286



7FFCB1

Triad

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



C5F286



00F6FF



FFB7DE

Complementary

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



C5F286



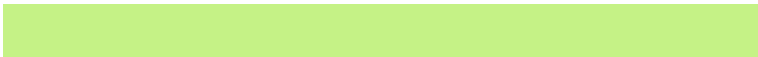
B386F2

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.



FFBFFF



C5F286



97E7FF

Square

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



C5F286



00FEFF



F2D2FF



FFBEA9

Rectangle

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



C5F286



35FFD6



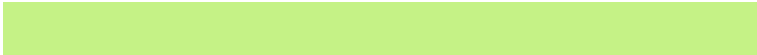
F2D2FF



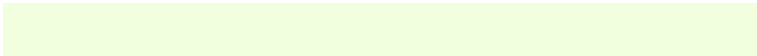
FFB8F1

Sweetspot

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



C5F286



F1FFDE



F2B386



77806B



000000



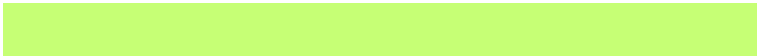
808080

Same Dimension

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



C5F286



C6FF75



91F286



73786C



6BB800



213800

Inverse Universe

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



B386F2



AF75FF



E986F2



716C78



4D00B8



170038

Previews

White Background



This preview shows how the Hex color C5F286 looks on a white background.

Color Contrast Check

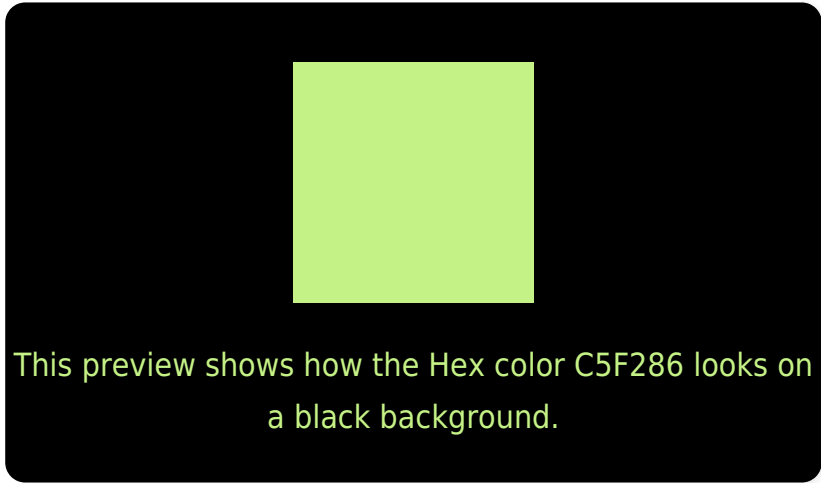
Large Text (above 18pt) WCAG AA × Fail

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 C5F286 Background



This preview shows how black text looks on a background with the Hex color C5F286.

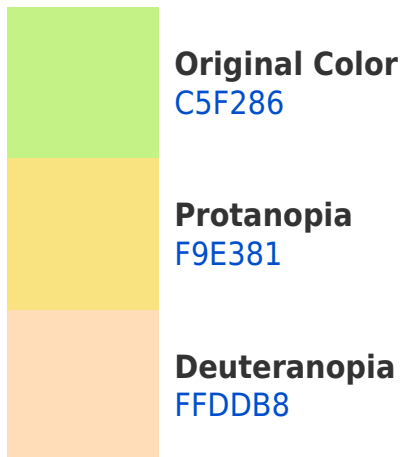


This preview shows how white text looks on a background with the Hex color C5F286.

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



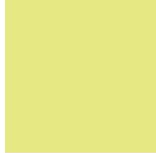


Tritanopia
D5E5F7

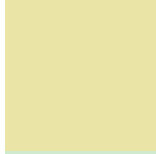
Trichromacy



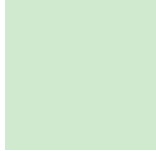
Original Color
C5F286



Protanomaly
E6E883

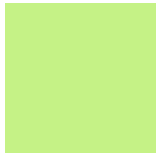


Deuteranomaly
EAE5A6

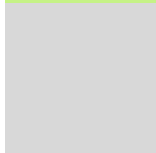


Tritanomaly
CFEACE

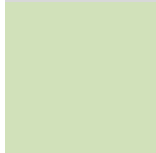
Monochromacy



Original Color
C5F286



Achromatopsia
D8D8D8



Achromatomaly
D1E1BA

CSS Examples

Text

The CSS property to change the color of the text to Hex C5F286 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 #C5F286 looks like.

```
.text, #text, p{  
    color:#C5F286  
}
```

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 #C5F286 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5F286
}
```

Border

The CSS property to change the border of an element to Hex C5F286 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
#C5F286 }
```

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

```
.border{ border-color:#C5F286 }
```

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

Here you see how a box with a 4 pixel #C5F286 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5F286; -webkit-box-shadow:4px 4px  
4px 4px #C5F286; box-shadow:4px 4px 4px  
4px #C5F286 }
```

Background

The CSS property to change the background color of an element to Hex C5F286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5F286 }
```

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

```
.background{ background-color:#C5F286 }
```

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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