

# Converting Colors

Hex(C2F7F5)

Have a look what the booklet for  
Hex(C2F7F5) contains.

<b>Hex(C2F7F5)</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(C2F7F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2F7F5
RGB	194, 247, 245
RGB Percent	76%, 97%, 96%
CMY	0.2392, 0.0314, 0.0392
CMYK	0.21, 0.00, 0.01, 0.03
HSL	178°, 77%, 86%
HSV	178°, 21%, 97%
XYZ	71.9903, 84.5834, 98.9181
YIQ	230.9250, -30.9460, -11.8580

# Conversions

## Conversions Part 2

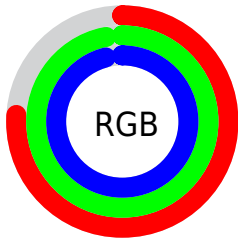
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 221, 247
Decimal	12777461
CIELab	93.70, -17.09, -4.56
CIELCh	94, 17.684, 194.939
Yxy	84.5834, 0.2818, 0.3311
Android (android.graphics.Color)	4290967541 (0xFFC2F7F5)
YUV	230.9250, 6.9390, -32.3832
Hunter-Lab	91.9693, -21.2226, 0.6087

# Details

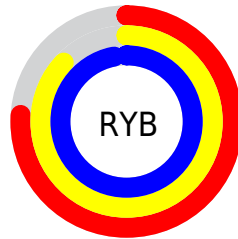
The Hex color **C2F7F5** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F7C2C4**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FBFFFF**, and **8BBFBD** is the 20% darker color. If you saturate the color by 10%, you get **A9F7F4**, and if you desaturate by 10%, it is **DBF7F6**.

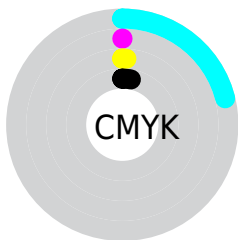
# Distribution



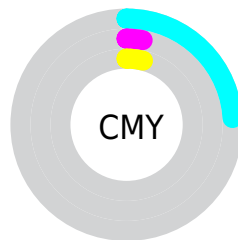
- Red (76%)
- Green (97%)
- Blue (96%)



- Red (76%)
- Yellow (87%)
- Blue (97%)



- Cyan (21%)
- Magenta (0%)
- Yellow (1%)
- Black (3%)



- Cyan (24%)
- Magenta (3%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2F7F5 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 C2F7F5 by changing the saturation by 10% instead.



 C2F7F5

FFFFFF

 FBFFFF

 C2F7F5

 A6DAD9

 8BBFBD

 71A3A2

 578988

 3E706E

 245756

 073F3F

 002929

 001615

 C2F7F5

 C2F7F5

 A9F7F4

 DBF7F6

 91F7F3

 F3F7F7

 78F7F2

 FFF7F8

 5FF7F1

 FFF7F9

 46F7F0

 FFF7FA

 2EF7EF

 FFF7FB

 15F7EE

 FFF7FC

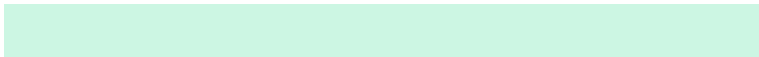
 00F7EE

 FFF7FD

# Harmonies

## Analogous

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



CCF6E3



C2F7F5



C3F5FF

# Triad

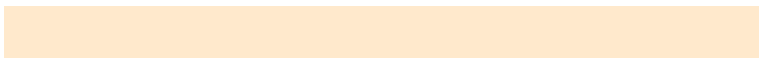
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C2F7F5



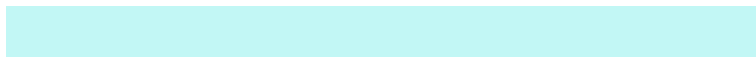
FBE6FF



FFE9CC

# Complementary

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



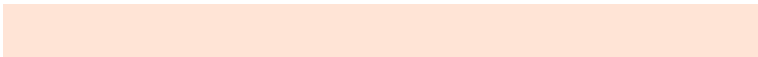
C2F7F5



F7C2C4

# 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.



FFE4D6



C2F7F5



FFE2F6

# Square

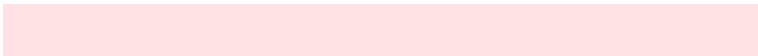
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C2F7F5



E5EBFF



FFE1E5



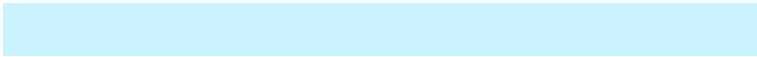
F2EECC

# Rectangle

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



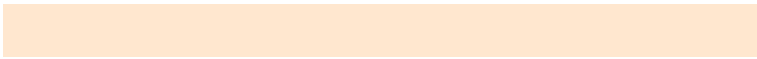
C2F7F5



CBF3FF



FFE1E5



FFE7CF



# Sweetspot

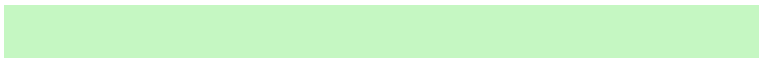
The Sweet Spot groups the original color and five complimentary colors.



C2F7F5



F0FFFE



C5F7C2



77807F



000000



808080



# Same Dimension

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



C2F7F5



BDFFFC



C2DFF7



6E7A7A



00BAB3



003B38



# Inverse Universe

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



F7C2C4



FFBDBF



F7DAC2



7A6E6F



BA0007

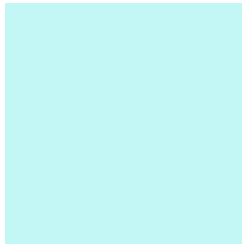


3B0002



# Previews

## White Background



This preview shows how the Hex color C2F7F5 looks on a white background.

## Color Contrast Check

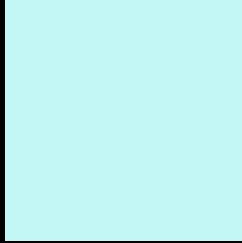
Large Text (above 18pt) WCAG AA × Fail

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 C2F7F5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

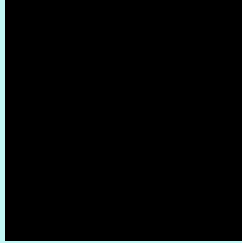
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

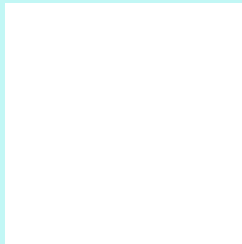
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C2F7F5 Background



This preview shows how black text looks on a background with the Hex color C2F7F5.

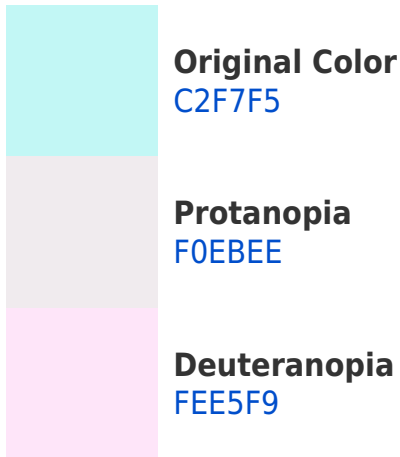


This preview shows how white text looks on a background with the Hex color C2F7F5.

# 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



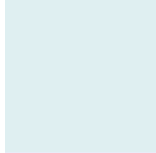


**Tritanopia**  
D3F2FF

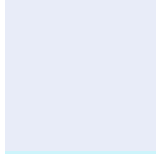
# Trichromacy



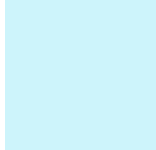
**Original Color**  
C2F7F5



**Protanomaly**  
DFEFF1

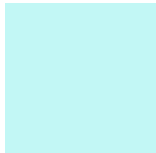


**Deuteranomaly**  
E8ECF8

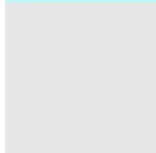


**Tritanomaly**  
CDF4FB

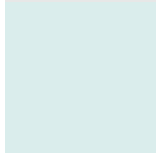
# Monochromacy



**Original Color**  
C2F7F5



**Achromatopsia**  
E7E7E7



**Achromatomaly**  
DAEDEC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2F7F5 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 #C2F7F5 looks like.

```
.text, #text, p{  
    color:#C2F7F5  
}
```

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 #C2F7F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2F7F5
}
```

## Border

The CSS property to change the border of an element to Hex C2F7F5 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
#C2F7F5 }
```

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

```
.border{ border-color:#C2F7F5 }
```

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

Here you see how a box with a 4 pixel #C2F7F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2F7F5; -webkit-box-shadow:4px 4px  
4px 4px #C2F7F5; box-shadow:4px 4px 4px  
4px #C2F7F5 }
```

# Background

The CSS property to change the background color of an element to Hex C2F7F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2F7F5 }
```

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

```
.background{ background-color:#C2F7F5 }
```

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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