

# Converting Colors

Hex(C2F0D9)

Have a look what the booklet for  
Hex(C2F0D9) contains.

<b>Hex(C2F0D9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(C2F0D9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C2F0D9
RGB	194, 240, 217
RGB Percent	76%, 94%, 85%
CMY	0.2392, 0.0588, 0.1490
CMYK	0.19, 0.00, 0.10, 0.06
HSL	150°, 61%, 85%
HSV	150°, 19%, 94%
XYZ	65.9326, 78.7993, 77.3804
YIQ	223.6240, -20.0330, -16.9050

# Conversions

## Conversions Part 2

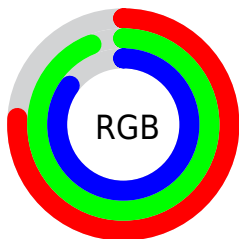
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 225, 240
Decimal	12775641
CIELab	91.14, -19.21, 6.25
CIELCh	91, 20.204, 161.977
Yxy	78.7993, 0.2968, 0.3548
Android (android.graphics.Color)	4290965721 (0xFFC2F0D9)
YUV	223.6240, -3.2656, -25.9802
Hunter-Lab	88.7689, -22.7659, 10.4548

# Details

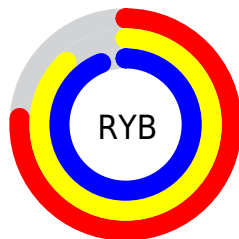
The Hex color **C2F0D9** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F0C2D9**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FBFFFF**, and **8CB8A2** is the 20% darker color. If you saturate the color by 10%, you get **AAF0CD**, and if you desaturate by 10%, it is **DAF0E5**.

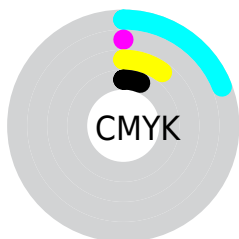
# Distribution



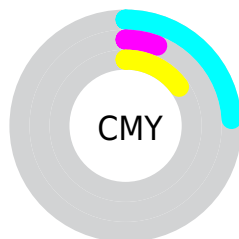
- Red (76%)
- Green (94%)
- Blue (85%)



- Red (76%)
- Yellow (88%)
- Blue (94%)



- Cyan (19%)
- Magenta (0%)
- Yellow (10%)
- Black (6%)



- Cyan (24%)
- Magenta (6%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2F0D9 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 C2F0D9 by changing the saturation by 10% instead.



 C2F0D9

FFFFFF

 FBFFFF

 C2F0D9

 A7D4BD

 8CB8A2

 729D88

 59836F

 406956

 28513F

 103A29

 002415

 000800

 C2F0D9

 C2F0D9

 AAF0CD

 DAF0E5

 92F0C1

 F2F0F1

 7AF0B5

 FFF0FD

 62F0A9

 FFF0FF

 4AF09D

 32F091

 1AF085

 02F079

 00F078

# Harmonies

## Analogous

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



D7ECC8



C2F0D9



B5F1ED

# Triad

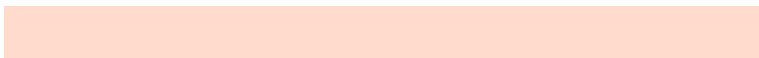
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C2F0D9



DAE5FF



FFDBCD

# Complementary

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



C2F0D9



F0C2D9

# 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.



FFD8DE



C2F0D9



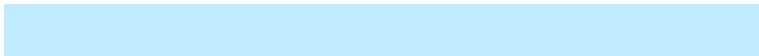
F3DEFF

# Square

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



C2F0D9



C3EBFF



FFD9F2



FFE0C1

# Rectangle

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



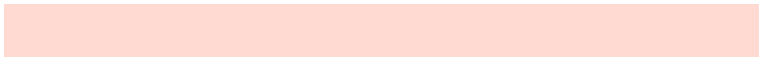
C2F0D9



B3F0F9



FFD9F2



FFDAD2



# Sweetspot

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



C2F0D9



F0FFF7



D9F0C2



77807B



000000



808080

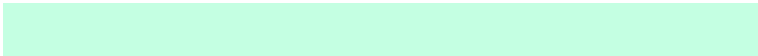


# Same Dimension

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



C2F0D9



C4FFE2



C2F0F0



6C7872



00B85C



00381C



# Inverse Universe

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



F0C2D9



FFC4E2



F0C2C2



786C72



B8005C

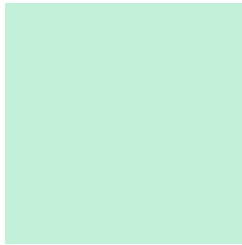


38001C



# Previews

## White Background



This preview shows how the Hex color C2F0D9 looks on a white background.

## Color Contrast Check

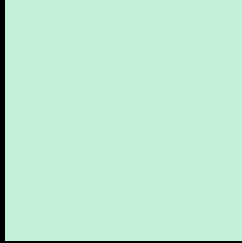
Large Text (above 18pt) WCAG AA × Fail

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 C2F0D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

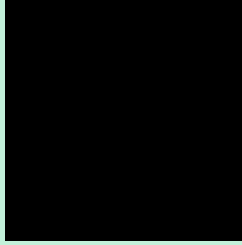
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

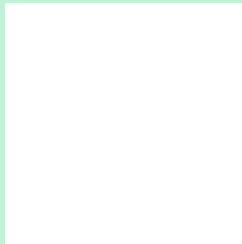
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C2F0D9 Background



This preview shows how black text looks on a background with the Hex color C2F0D9.

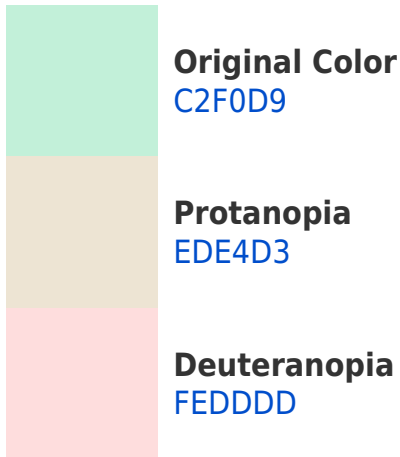


This preview shows how white text looks on a background with the Hex color C2F0D9.

# 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](#).

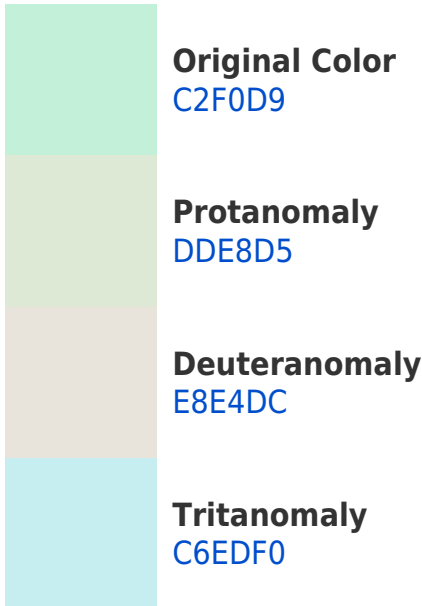
## Dichromacy



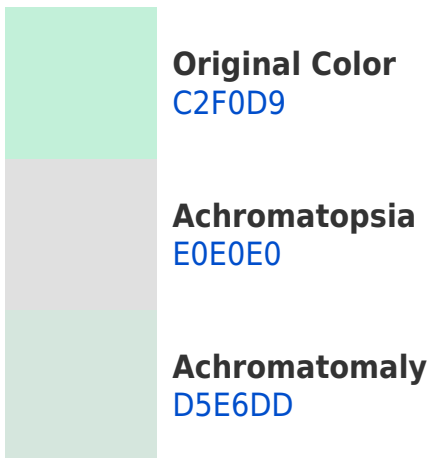


**Tritanopia**  
C9EBFD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2F0D9 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 #C2F0D9 looks like.

```
.text, #text, p{  
    color:#C2F0D9  
}
```

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 #C2F0D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2F0D9
}
```

## Border

The CSS property to change the border of an element to Hex C2F0D9 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
#C2F0D9 }
```

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

```
.border{ border-color:#C2F0D9 }
```

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

Here you see how a box with a 4 pixel #C2F0D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2F0D9; -webkit-box-shadow:4px 4px  
4px 4px #C2F0D9; box-shadow:4px 4px 4px  
4px #C2F0D9 }
```

# Background

The CSS property to change the background color of an element to Hex C2F0D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2F0D9 }
```

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

```
.background{ background-color:#C2F0D9 }
```

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