

# Converting Colors

Hex(CDF5D9)

Have a look what the booklet for  
Hex(CDF5D9) contains.

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# **Color**

**Hex(CDF5D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDF5D9
RGB	205, 245, 217
RGB Percent	80%, 96%, 85%
CMY	0.1961, 0.0392, 0.1490
CMYK	0.16, 0.00, 0.11, 0.04
HSL	138°, 67%, 88%
HSV	138°, 16%, 96%
XYZ	70.3536, 83.2937, 78.0149
YIQ	229.8480, -14.8520, -17.1880

# Conversions

## Conversions Part 2

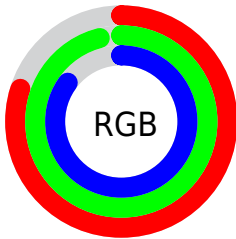
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 236, 245
Decimal	13497817
CIE <sub>Lab</sub>	93.14, -18.15, 9.21
CIE <sub>LCh</sub>	93, 20.355, 153.091
Yxy	83.2937, 0.3037, 0.3595
Android (android.graphics.Color)	4291687897 (0xFFCDF5D9)
YUV	229.8480, -6.3341, -21.7917
Hunter-Lab	91.2654, -22.1144, 13.2039

# Details

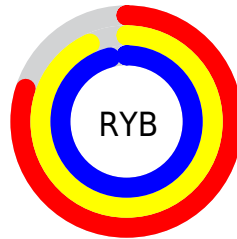
The Hex color **CDF5D9** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **F5CDE9**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFFF**, and **96BDA2** is the 20% darker color. If you saturate the color by 10%, you get **B4F5C8**, and if you desaturate by 10%, it is **E6F5EA**.

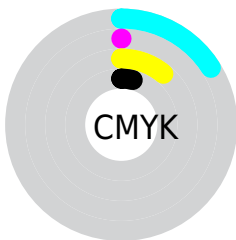
# Distribution



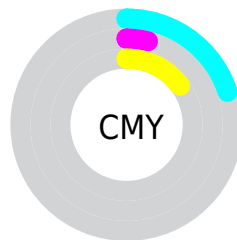
- Red (80%)
- Green (96%)
- Blue (85%)



- Red (80%)
- Yellow (93%)
- Blue (96%)



- Cyan (16%)
- Magenta (0%)
- Yellow (11%)
- Black (4%)



- Cyan (20%)
- Magenta (4%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDF5D9 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 CDF5D9 by changing the saturation by 10% instead.



 CDF5D9

FFFFFF

 CDF5D9

 B1D8BD

 96BDA2

 7CA288

 63876F

 4A6E56

 33553F

 1C3E29

 052814

 001300

 CDF5D9


 CDF5D9

 B4F5C8

 E6F5EA

 9CF5B7

 FEF5FB

 84F5A6

 FFF5FF

 6BF594

 53F583

 3AF572

 22F561

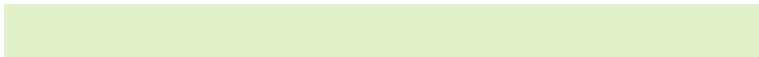
 09F550

 00F54A

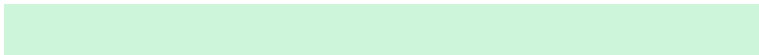
# Harmonies

## Analogous

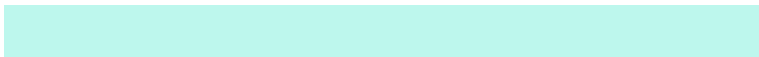
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E3F1CA



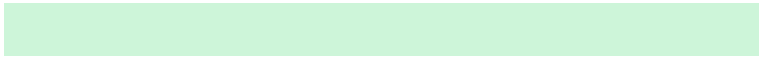
CDF5D9



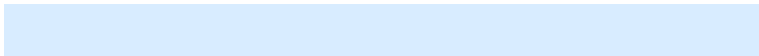
BDF7ED

# Triad

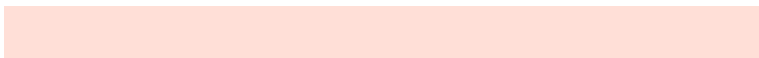
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CDF5D9



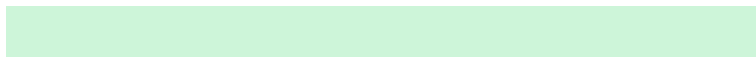
D8ECFF



FFDFD7

# Complementary

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



CDF5D9



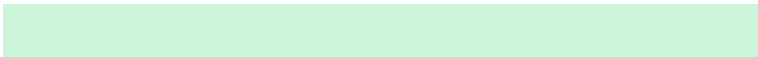
F5CDE9

# 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.



FFDEEA



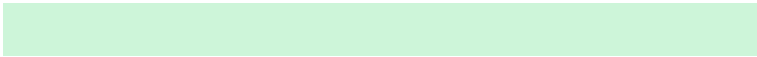
CDF5D9



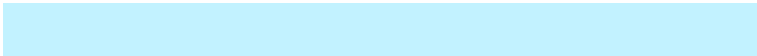
F2E6FF

# Square

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



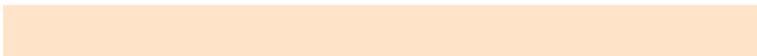
CDF5D9



C2F2FF



FFE0FD



FFE4C9

# Rectangle

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



CDF5D9



B8F7FA



FFE0FD

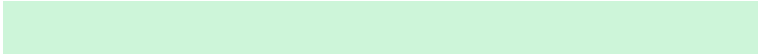


FFDEDD

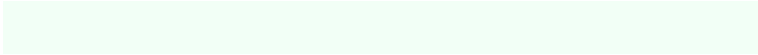


# Sweetspot

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



CDF5D9



F2FFF6



E9F5CD



78807A



000000

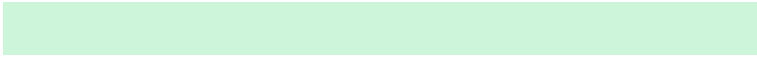


808080

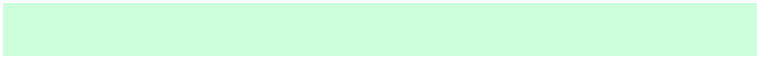


# Same Dimension

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



CDF5D9



CCFFDB



CDF5ED



6E7A72



00BA38



003B12



# Inverse Universe

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



F5CDE9



FFCCF0



F5CDD5



7A6E77



BA0082

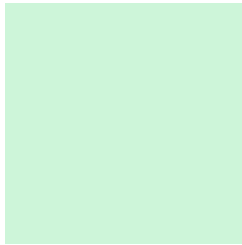


3B0029



# Previews

## White Background



This preview shows how the Hex color CDF5D9 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 CDF5D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

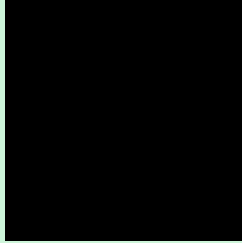
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

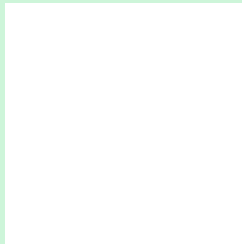
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDF5D9 Background



This preview shows how black text looks on a background with the Hex color CDF5D9.

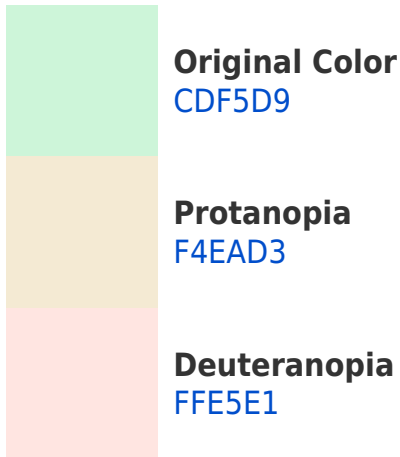


This preview shows how white text looks on a background with the Hex color CDF5D9.

# 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



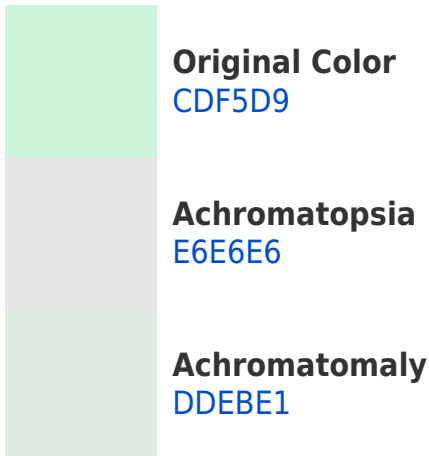


**Tritanopia**  
D7EEFF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDF5D9 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 #CDF5D9 looks like.

```
.text, #text, p{  
    color:#CDF5D9  
}
```

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 #CDF5D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDF5D9
}
```

## Border

The CSS property to change the border of an element to Hex CDF5D9 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
#CDF5D9 }
```

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

```
.border{ border-color:#CDF5D9 }
```

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

Here you see how a box with a 4 pixel #CDF5D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDF5D9; -webkit-box-shadow:4px 4px  
4px 4px #CDF5D9; box-shadow:4px 4px 4px  
4px #CDF5D9 }
```

# Background

The CSS property to change the background color of an element to Hex CDF5D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDF5D9 }
```

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

```
.background{ background-color:#CDF5D9 }
```

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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