

# Converting Colors

Hex(D7F0E3)

Have a look what the booklet for  
Hex(D7F0E3) contains.

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# Color

**Hex(D7F0E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7F0E3
RGB	215, 240, 227
RGB Percent	84%, 94%, 89%
CMY	0.1569, 0.0588, 0.1098
CMYK	0.10, 0.00, 0.05, 0.06
HSL	149°, 45%, 89%
HSV	149°, 10%, 94%
XYZ	73.0495, 82.3133, 84.7110
YIQ	231.0430, -10.7270, -9.3430

# Conversions

## Conversions Part 2

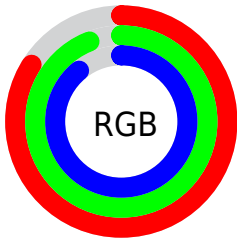
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 232, 240
Decimal	14151907
CIE Lab	92.71, -10.59, 3.49
CIE LCh	93, 11.153, 161.763
Yxy	82.3133, 0.3043, 0.3429
Android (android.graphics.Color)	4292341987 (0xFFD7F0E3)
YUV	231.0430, -1.9932, -14.0697
Hunter-Lab	90.7267, -15.0505, 8.1499

# Details

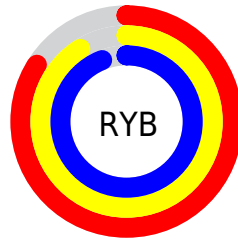
The Hex color **D7F0E3** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F0D7E4**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFFF**, and **A0B8AC** is the 20% darker color. If you saturate the color by 10%, you get **BFF0D7**, and if you desaturate by 10%, it is **EFF0EF**.

# Distribution



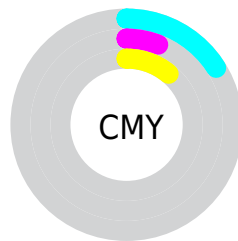
- Red (84%)
- Green (94%)
- Blue (89%)



- Red (84%)
- Yellow (91%)
- Blue (94%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



- Cyan (16%)
- Magenta (6%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7F0E3 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 D7F0E3 by changing the saturation by 10% instead.



 D7F0E3

FFFFFF

 D7F0E3

 BBD4C7

 A0B8AC


 869D91

 6C8378

 546A5F

 3D5247

 263B31

 11251C

 001101

 D7F0E3

 D7F0E3

 BFF0D7

 EFF0EF

 A7F0CA

 FFF0FC

 8FF0BE

 FFF0FF

 77F0B1

 5FF0A5

 47F098

 2FF08C

 17F07F

 00F073

# Harmonies

## Analogous

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



E2EEDA



D7F0E3



D0F1EE

# Triad

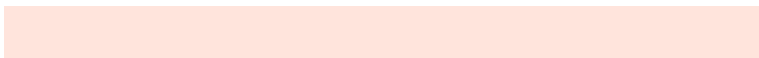
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D7F0E3



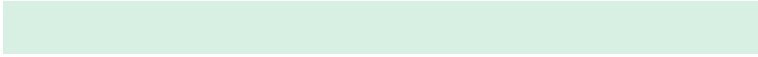
E4EAFF



FFE4DC

# Complementary

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



D7F0E3



F0D7E4

# 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.



FFE3E6



D7F0E3



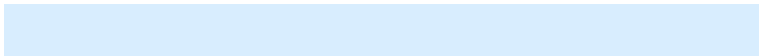
F1E6FA

# Square

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



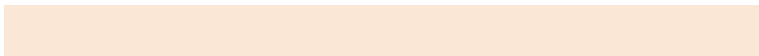
D7F0E3



D8EDFE



FCE4F1



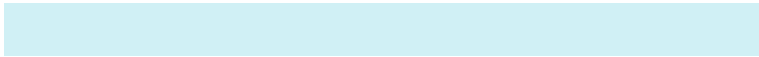
FAE7D6

# Rectangle

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



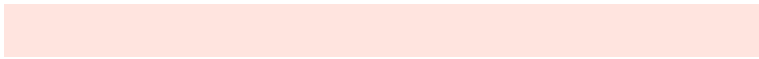
D7F0E3



D0F0F5



FCE4F1



FFE4DF



# Sweetspot

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



D7F0E3



F7FFFB



E4F0D7



7A807D



000000



808080

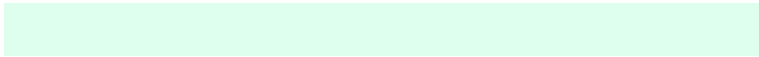


# Same Dimension

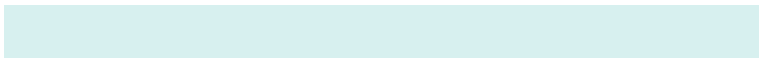
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D7F0E3



DEFFEE



D7F0EF



6C7872



00B858



00381B



# Inverse Universe

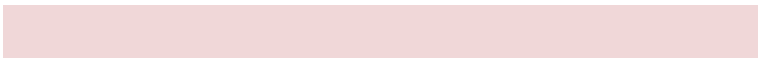
The Inverse Universe completely reimagines the original color for something new.



F0D7E4



FFDEEF



F0D7D8



786C72



B8005F

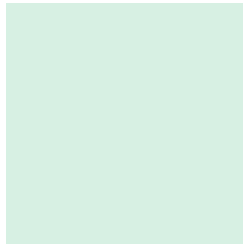


38001D



# Previews

## White Background



This preview shows how the Hex color D7F0E3 looks on a white background.

## Color Contrast Check

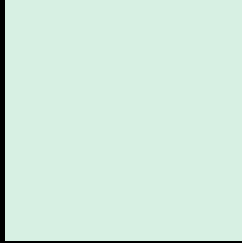
Large Text (above 18pt) WCAG AA × Fail

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 D7F0E3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

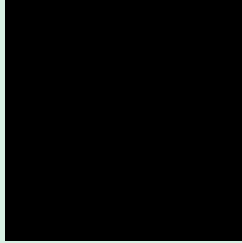
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

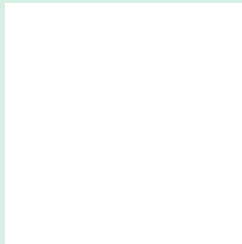
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D7F0E3 Background



This preview shows how black text looks on a background with the Hex color D7F0E3.

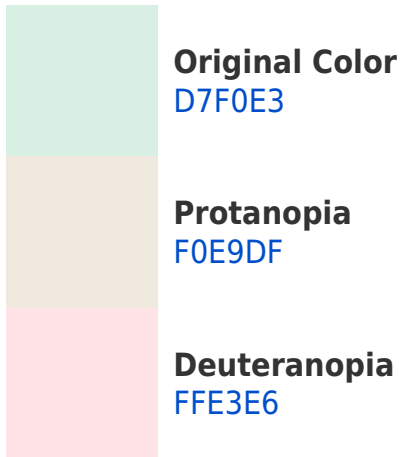


This preview shows how white text looks on a background with the Hex color D7F0E3.

# 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

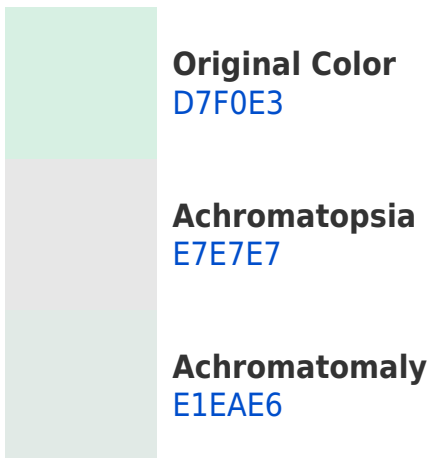




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7F0E3 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 #D7F0E3 looks like.

```
.text, #text, p{  
    color:#D7F0E3  
}
```

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 #D7F0E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7F0E3
}
```

## Border

The CSS property to change the border of an element to Hex D7F0E3 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
#D7F0E3 }
```

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

```
.border{ border-color:#D7F0E3 }
```

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

Here you see how a box with a 4 pixel #D7F0E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7F0E3; -webkit-box-shadow:4px 4px  
4px 4px #D7F0E3; box-shadow:4px 4px 4px  
4px #D7F0E3 }
```

# Background

The CSS property to change the background color of an element to Hex D7F0E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7F0E3 }
```

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

```
.background{ background-color:#D7F0E3 }
```

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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