

Converting Colors

Hex(7DCEA3)

Have a look what the booklet for
Hex(7DCEA3) contains.

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Color

Hex(7DCEA3)

Conversions

Conversions Part 1

Format	Color
Hex	7DCEA3
RGB	125, 206, 163
RGB Percent	49%, 81%, 64%
CMY	0.5098, 0.1922, 0.3608
CMYK	0.39, 0.00, 0.21, 0.19
HSL	148°, 45%, 65%
HSV	148°, 39%, 81%
XYZ	37.1396, 51.1469, 42.5652
YIQ	176.8790, -34.4730, -30.5450

Conversions

Conversions Part 2

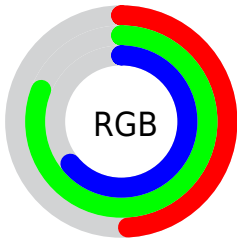
Format	Color
RYB	125, 180, 206
Decimal	8244899
CIELab	76.77, -34.32, 13.71
CIELCh	77, 36.956, 158.230
Yxy	51.1469, 0.2838, 0.3909
Android (android.graphics.Color)	4286434979 (0xFF7DCEA3)
YUV	176.8790, -6.8423, -45.4979
Hunter-Lab	71.5171, -32.4579, 14.7740

Details

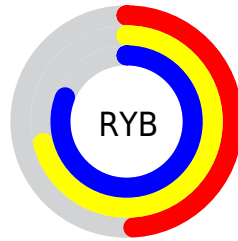
The Hex color **7DCEA3** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CE7DA8**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **B4FFDA**, and **47976F** is the 20% darker color. If you saturate the color by 10%, you get **68CE98**, and if you desaturate by 10%, it is **92CEAE**.

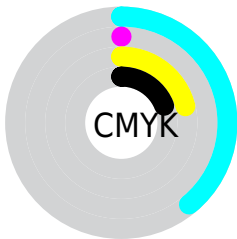
Distribution



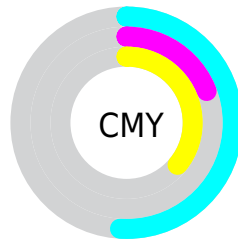
- Red (49%)
- Green (81%)
- Blue (64%)



- Red (49%)
- Yellow (71%)
- Blue (81%)



- Cyan (39%)
- Magenta (0%)
- Yellow (21%)
- Black (19%)



- Cyan (51%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DCEA3 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 7DCEA3 by changing the saturation by 10% instead.

 7DCEA3

 7DCEA3

FFFFFF

 62B289

 B4FFDA

 47976F

 D1FFF6

 2B7D57

 EEEFFF

 05643F

 004B29

 003414

 001F00

 000000

 7DCEA3

 7DCEA3

 68CE98

 92CEAE

 54CE8D

 A6CEB9

 3FCE82

 BBCEC4

 2BCE77

 CFCECF

 16CE6C

 E4CEDA

 01CE61

 F9CEE5

 00CE61

 FFCEF0

 FFCEFA

 FFCEFF

Harmonies

Analogous

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



A6C887



7DCEA3



54D0C6

Triad

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



7DCEA3



9DBEFF



FDA895

Complementary

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



7DCEA3



CE7DA8

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.



FFA3B5



7DCEA3



CEB1F3

Square

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



7DCEA3



67C8FC



F0A7D8



EAB37F

Rectangle

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



7DCEA3



43CFDD



F0A7D8



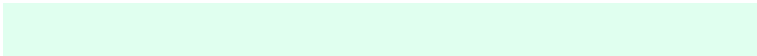
FFA69F

Sweetspot

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



7DCEA3



E0FFE7



A8CE7D



6E8076



000000



808080

Same Dimension

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



7DCEA3



87FFBF



7DCECB



5C6661



00A64E



002612

Inverse Universe

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



CE7DA8



FF87C7



CE7D80



665C61



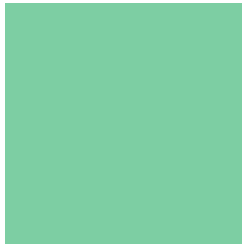
A60058



260014

Previews

White Background



This preview shows how the Hex color 7DCEA3 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 7DCEA3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

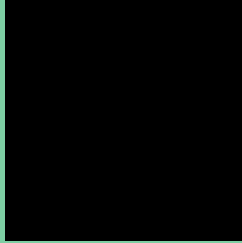
Any Text WCAG AA ✓ Pass

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 7DCEA3 Background



This preview shows how black text looks on a background with the Hex color 7DCEA3.

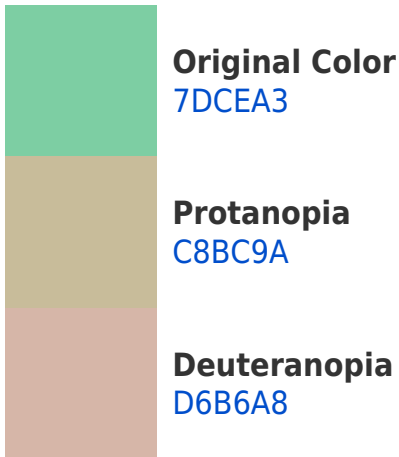


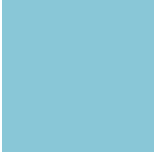
This preview shows how white text looks on a background with the Hex color 7DCEA3.

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](#).

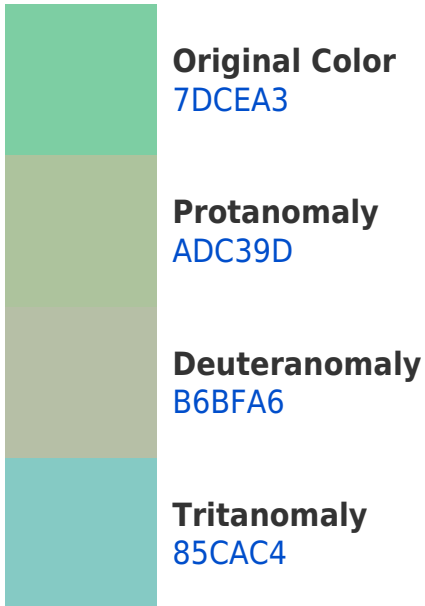
Dichromacy



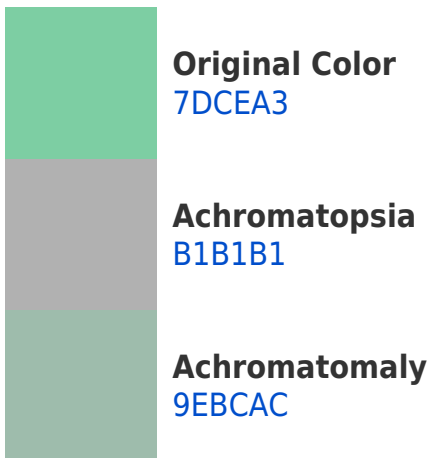


Tritanopia
89C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DCEA3 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 #7DCEA3 looks like.

```
.text, #text, p{  
    color:#7DCEA3  
}
```

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 #7DCEA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DCEA3
}
```

Border

The CSS property to change the border of an element to Hex 7DCEA3 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
#7DCEA3 }
```

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

```
.border{ border-color:#7DCEA3 }
```

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

Here you see how a box with a 4 pixel #7DCEA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DCEA3; -webkit-box-shadow:4px 4px  
4px 4px #7DCEA3; box-shadow:4px 4px 4px  
4px #7DCEA3 }
```

Background

The CSS property to change the background color of an element to Hex 7DCEA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DCEA3 }
```

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

```
.background{ background-color:#7DCEA3 }
```

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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