

Converting Colors

Hex(7DE0C5)

Have a look what the booklet for
Hex(7DE0C5) contains.

Hex(7DE0C5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7DE0C5)

Conversions

Conversions Part 1

Format	Color
Hex	7DE0C5
RGB	125, 224, 197
RGB Percent	49%, 88%, 77%
CMY	0.5098, 0.1216, 0.2275
CMYK	0.44, 0.00, 0.12, 0.12
HSL	164°, 61%, 68%
HSV	164°, 44%, 88%
XYZ	45.1911, 61.7025, 62.3513
YIQ	191.3210, -50.3370, -29.3850

Conversions

Conversions Part 2

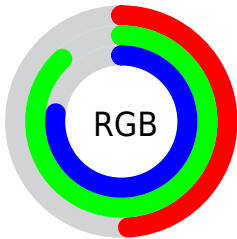
Format	Color
RYB	125, 182, 224
Decimal	8249541
CIELab	82.75, -35.42, 4.18
CIELCh	83, 35.665, 173.263
Yxy	61.7025, 0.2670, 0.3646
Android (android.graphics.Color)	4286439621 (0xFF7DE0C5)
YUV	191.3210, 2.7997, -58.1635
Hunter-Lab	78.5509, -34.7713, 7.9231

Details

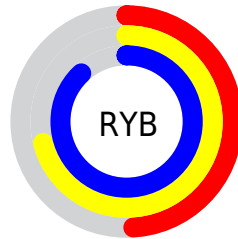
The Hex color **7DE0C5** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E07D98**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B6FFFE**, and **43A88F** is the 20% darker color. If you saturate the color by 10%, you get **67E0BF**, and if you desaturate by 10%, it is **93E0CB**.

Distribution



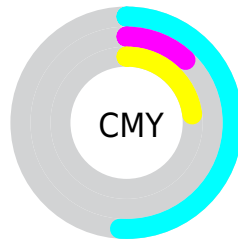
- Red (49%)
- Green (88%)
- Blue (77%)



- Red (49%)
- Yellow (71%)
- Blue (88%)



- Cyan (44%)
- Magenta (0%)
- Yellow (12%)
- Black (12%)



- Cyan (51%)
- Magenta (12%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Hex color 7DE0C5 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 7DE0C5 by changing the saturation by 10% instead.

 7DE0C5

 7DE0C5

FFFFFF

 61C4AA

 B6FFFE

 43A88F

 D3FFFF

 228D76

 F1FFFF

 00735D

 005A46

 00422F

 002B1A

 001100

 000000

 7DE0C5

 7DE0C5

 67E0BF

 93E0CB

 50E0B9

 AAE0D1

 3AE0B3

 C0E0D7

 23E0AD

 D7E0DD

 0DE0A6

 EDE0E4

 00E0A3

 FFE0EA

 FFE0F0

 FFE0F6

 FFE0FC

Harmonies

Analogous

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



A4DCA5



7DE0C5



62E0E7

Triad

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



7DE0C5



C8C8FF



FFBE9A

Complementary

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



7DE0C5



E07D98

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.



FFB6B5



7DE0C5



F2BDF6

Square

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



7DE0C5



96D4FF



FFB6D7



ECC98C

Rectangle

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



7DE0C5



63DEFB



FFB6D7



FFBBA2

Sweetspot

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



7DE0C5



DEFFF6



99E07D



6B807A



000000



808080

Same Dimension

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



7DE0C5



78FFDA



7DCBE0



65706D



00B080



003023

Inverse Universe

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



E07D98



FF789D



E0927D



706568



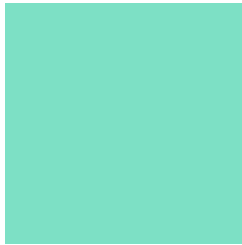
B00030



30000D

Previews

White Background



This preview shows how the Hex color 7DE0C5 looks on a white background.

Color Contrast Check

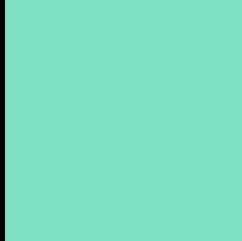
Large Text (above 18pt) WCAG AA × Fail

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 7DE0C5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

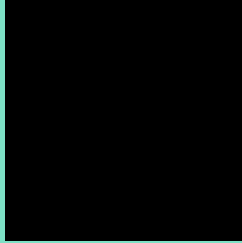
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

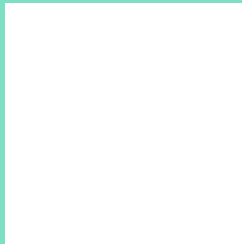
Any Text WCAG AAA ✓ Pass

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

Hex 7DE0C5 Background



This preview shows how black text looks on a background with the Hex color 7DE0C5.

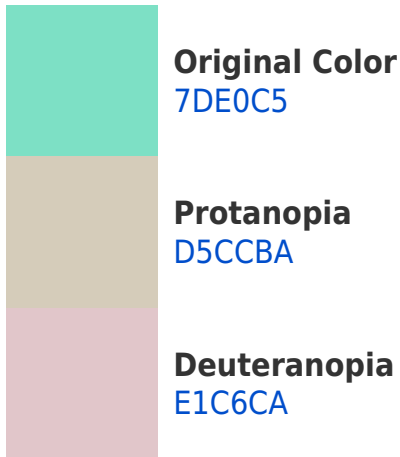


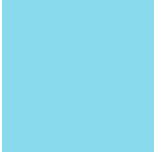
This preview shows how white text looks on a background with the Hex color 7DE0C5.

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
88DAEC

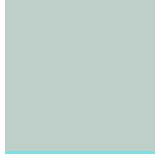
Trichromacy



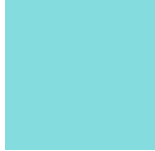
Original Color
7DE0C5



Protanomaly
B5D3BE



Deuteranomaly
BDCFC8

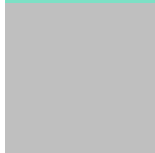


Tritanomaly
84DCDE

Monochromacy



Original Color
7DE0C5



Achromatopsia
BFBFBF



Achromatomaly
A7CBC1

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DE0C5 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 #7DE0C5 looks like.

```
.text, #text, p{  
    color:#7DE0C5  
}
```

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 #7DE0C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DE0C5
}
```

Border

The CSS property to change the border of an element to Hex 7DE0C5 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
#7DE0C5 }
```

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

```
.border{ border-color:#7DE0C5 }
```

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

Here you see how a box with a 4 pixel #7DE0C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DE0C5; -webkit-box-shadow:4px 4px  
4px 4px #7DE0C5; box-shadow:4px 4px 4px  
4px #7DE0C5 }
```

Background

The CSS property to change the background color of an element to Hex 7DE0C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DE0C5 }
```

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

```
.background{ background-color:#7DE0C5 }
```

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