

# Converting Colors

Hex(7DE6C3)

Have a look what the booklet for  
Hex(7DE6C3) contains.

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**Color**

**Hex(7DE6C3)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 7DE6C3                       |
| RGB         | 125, 230, 195                |
| RGB Percent | 49%, 90%, 76%                |
| CMY         | 0.5098, 0.0980, 0.2353       |
| CMYK        | 0.46, 0.00, 0.15, 0.10       |
| HSL         | 160°, 68%, 70%               |
| HSV         | 160°, 46%, 90%               |
| XYZ         | 46.6046, 64.8937, 61.6992    |
| YIQ         | 194.6150, -51.3450, -33.1450 |

# Conversions

## Conversions Part 2

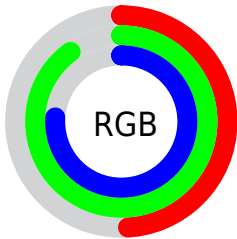
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 125, 188, 230                 |
| Decimal                             | 8251075                       |
| CIELab                              | 84.43, -38.61, 7.65           |
| CIELCh                              | 84, 39.359, 168.790           |
| Yxy                                 | 64.8937, 0.2691,<br>0.3747    |
| Android<br>(android.graphics.Color) | 4286441155<br>(0xFF7DE6C3)    |
| YUV                                 | 194.6150, 0.1898,<br>-61.0524 |
| Hunter-Lab                          | 80.5566, -37.7062,<br>10.9788 |

# Details

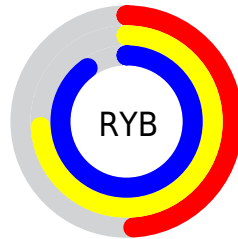
The Hex color **7DE6C3** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E67DA0**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **B6FFFC**, and **43AE8D** is the 20% darker color. If you saturate the color by 10%, you get **66E6BB**, and if you desaturate by 10%, it is **94E6CB**.

# Distribution



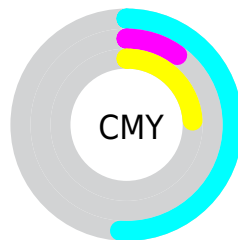
- Red (49%)
- Green (90%)
- Blue (76%)



- Red (49%)
- Yellow (74%)
- Blue (90%)



- Cyan (46%)
- Magenta (0%)
- Yellow (15%)
- Black (10%)



- Cyan (51%)
- Magenta (10%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7DE6C3 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 7DE6C3 by changing the saturation by 10% instead.



 7DE6C3

 7DE6C3

FFFFFF

 60CAA8

 B6FFFC

 43AE8D

 D4FFFF

 209374

 F1FFFF

 00795B

 005F44

 00472E

 002F19

 001800

 000000

 7DE6C3

 7DE6C3

 66E6BB

 94E6CB

 4FE6B4

 ABE6D2

 38E6AC

 C2E6DA

 21E6A4

 D9E6E2

 0AE69D

 F0E6E9

 00E699

 FFE6F1

 FFE6F9

 FFE6FF

# Harmonies

## Analogous

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



AAE1A1



7DE6C3



56E7E9

# Triad

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



7DE6C3



C4CEFF



FFBF9C

# Complementary

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



7DE6C3



E67DA0

# 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.



FFB7BD



7DE6C3



F4C1FF

# Square

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



7DE6C3



8ADAFF



FFB8E2



F9CC8A

# Rectangle

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



7DE6C3



50E5FF



FFB8E2



FFBCA6

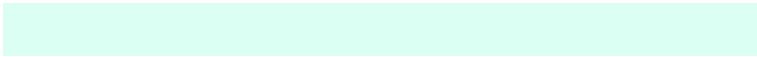


# Sweetspot

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



7DE6C3



DBFFF3



A0E67D



6A8078



000000



808080



# Same Dimension

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



7DE6C3



73FFD0



7DD4E6



67736F



00B377



003322



# Inverse Universe

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



E67DA0



FF73A2



E68F7D



73676B



B3003C

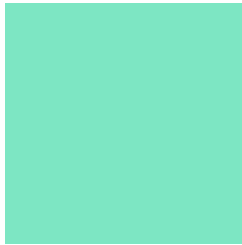


330011



# Previews

## White Background



This preview shows how the Hex color 7DE6C3 looks on a white background.

## Color Contrast Check

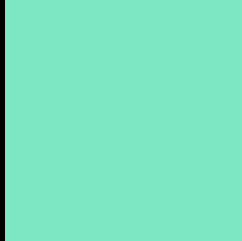
Large Text (above 18pt) WCAG AA × Fail

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 7DE6C3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

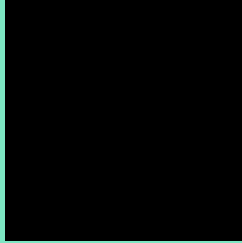
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7DE6C3 Background



This preview shows how black text looks on a background with the Hex color 7DE6C3.

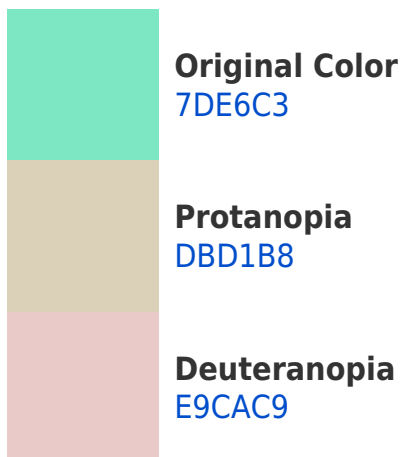


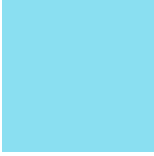
This preview shows how white text looks on a background with the Hex color 7DE6C3.

# 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**  
8ADFF1

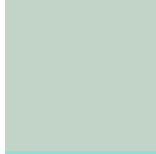
# Trichromacy



**Original Color**  
7DE6C3



**Protanomaly**  
B9D9BC



**Deuteranomaly**  
C2D4C7

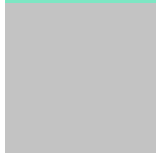


**Tritanomaly**  
85E2E0

# Monochromacy



**Original Color**  
7DE6C3



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
AAD0C3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7DE6C3 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 #7DE6C3 looks like.

```
.text, #text, p{  
    color:#7DE6C3  
}
```

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 #7DE6C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DE6C3
}
```

## Border

The CSS property to change the border of an element to Hex 7DE6C3 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
#7DE6C3 }
```

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

```
.border{ border-color:#7DE6C3 }
```

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

Here you see how a box with a 4 pixel #7DE6C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DE6C3; -webkit-box-shadow:4px 4px  
4px 4px #7DE6C3; box-shadow:4px 4px 4px  
4px #7DE6C3 }
```

# Background

The CSS property to change the background color of an element to Hex 7DE6C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DE6C3 }
```

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

```
.background{ background-color:#7DE6C3 }
```

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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