

Converting Colors

Hex(D77E7E)

Have a look what the booklet for
Hex(D77E7E) contains.

Hex(D77E7E)	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(D77E7E)

Conversions

Conversions Part 1

Format	Color
Hex	D77E7E
RGB	215, 126, 126
RGB Percent	84%, 49%, 49%
CMY	0.1569, 0.5059, 0.5059
CMYK	0.00, 0.41, 0.41, 0.16
HSL	0°, 53%, 67%
HSV	0°, 41%, 84%
XYZ	39.2511, 30.8751, 23.6294
YIQ	152.6110, 53.0440, 18.8680

Conversions

Conversions Part 2

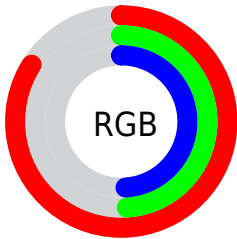
Format	Color
R _Y B	215, 126, 126
Decimal	14122622
CIE Lab	62.40, 34.40, 14.99
CIE LCh	62, 37.524, 23.542
Yxy	30.8751, 0.4187, 0.3293
Android (android.graphics.Color)	4292312702 (0xFFD77E7E)
YUV	152.6110, -13.1192, 54.7152
Hunter-Lab	55.5654, 28.8519, 13.6825

Details

The Hex color **D77E7E** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **7ED7D7**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFB4B3**, and **9D4B4D** is the 20% darker color. If you saturate the color by 10%, you get **D76969**, and if you desaturate by 10%, it is **D79494**.

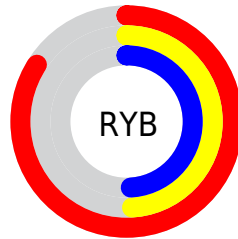
Distribution



Red (84%)

Green (49%)

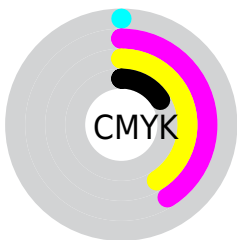
Blue (49%)



Red (84%)

Yellow (49%)

Blue (49%)

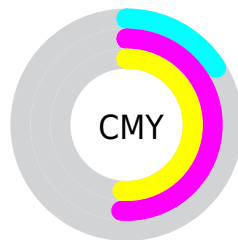


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (16%)



Cyan (16%)

Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color D77E7E 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 D77E7E by changing the saturation by 10% instead.

 D77E7E

 D77E7E


FFFFFF

 BA6465

 FFB4B3

 9D4B4D

 FFD0CE

 813236

 FFECEA

 661921

 4B000B

 320000

 040000

 000000

 D77E7E

 D77E7E

 D76969

 D79494

 D75353

 D7A9A9

 D73E3E

 D7BFBF

 D72828

 D7D4D4

 D71313

 D7EAEA

 D70000

 D7FFFF

Harmonies

Analogous

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



D27D9F



D77E7E



CB8762

Triad

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



D77E7E



6BA46E



569CD9

Complementary

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



D77E7E



7ED7D7

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.



00A4CC



D77E7E



3AA88E

Square

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



D77E7E



929D58



00A8B0



9091D4

Rectangle

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



D77E7E



BC8F57



00A8B0



3FA0D6

Sweetspot

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



D77E7E



FFE0E0



D77ED7



806E6E



000000



808080

Same Dimension

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



D77E7E



FF8080



D7AB7E



6B6060



AB0000



2B0000

Inverse Universe

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



7ED7D7



80FFFF



7EABD7



606B6B



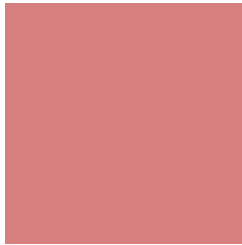
00ABAB



002B2B

Previews

White Background



This preview shows how the Hex color D77E7E looks on a white background.

Color Contrast Check

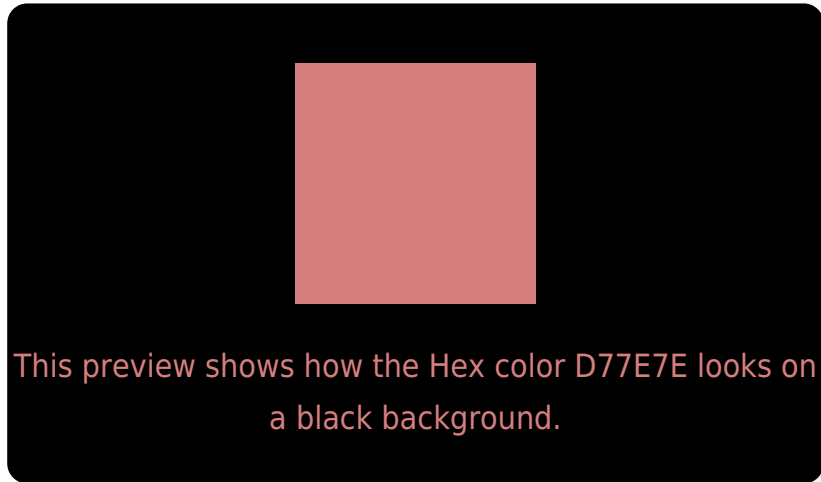
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 D77E7E Background



This preview shows how black text looks on a background with the Hex color D77E7E.



This preview shows how white text looks on a background with the Hex color D77E7E.

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
D87D86

Trichromacy



Original Color
D77E7E

Protanomaly
B28E86

Deuteranomaly
BE8A7C

Tritanomaly
D87D83

Monochromacy



Original Color
D77E7E

Achromatopsia
999999

Achromatomaly
B08F8F

CSS Examples

Text

The CSS property to change the color of the text to Hex D77E7E 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 #D77E7E looks like.

```
.text, #text, p{  
    color:#D77E7E  
}
```

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 #D77E7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D77E7E
}
```

Border

The CSS property to change the border of an element to Hex D77E7E 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
#D77E7E }
```

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

```
.border{ border-color:#D77E7E }
```

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

Here you see how a box with a 4 pixel #D77E7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D77E7E; -webkit-box-shadow:4px 4px  
4px 4px #D77E7E; box-shadow:4px 4px 4px  
4px #D77E7E }
```

Background

The CSS property to change the background color of an element to Hex D77E7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D77E7E }
```

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

```
.background{ background-color:#D77E7E }
```

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