

Converting Colors

Hex(77E2D5)

Have a look what the booklet for
Hex(77E2D5) contains.

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Color

Hex(77E2D5)

Conversions

Conversions Part 1

Format	Color
Hex	77E2D5
RGB	119, 226, 213
RGB Percent	47%, 89%, 84%
CMY	0.5333, 0.1137, 0.1647
CMYK	0.47, 0.00, 0.06, 0.11
HSL	173°, 65%, 68%
HSV	173°, 47%, 89%
XYZ	46.8143, 63.1187, 72.6666
YIQ	192.5250, -59.5990, -26.7270

Conversions

Conversions Part 2

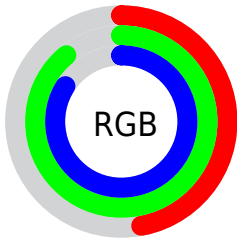
Format	Color
RYB	119, 176, 226
Decimal	7856853
CIELab	83.50, -34.03, -3.22
CIElCh	84, 34.186, 185.402
Yxy	63.1187, 0.2564, 0.3457
Android (android.graphics.Color)	4286046933 (0xFF77E2D5)
YUV	192.5250, 10.0942, -64.4814
Hunter-Lab	79.4473, -33.8516, 1.3835

Details

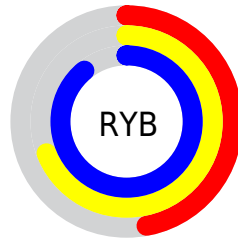
The Hex color **77E2D5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E27784**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **B1FFFF**, and **3AAA9E** is the 20% darker color. If you saturate the color by 10%, you get **60E2D2**, and if you desaturate by 10%, it is **8EE2D8**.

Distribution



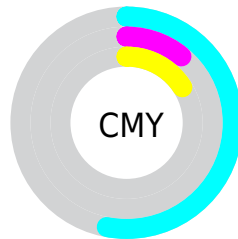
- Red (47%)
- Green (89%)
- Blue (84%)



- Red (47%)
- Yellow (69%)
- Blue (89%)



- Cyan (47%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (53%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77E2D5 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 77E2D5 by changing the saturation by 10% instead.

 77E2D5

 77E2D5

FFFFFF

 59C6B9

 B1FFFF

 3AAA9E

 CFFFFFF

 0E8F84

 ECFFFF

 00756B

 005C53

 00443C

 002D26

 001512

 000000

 77E2D5

 77E2D5

 60E2D2

 8EE2D8

 4AE2D0

 A4E2DA

 33E2CD

 BBE2DD

 1DE2CA

 D1E2E0

 06E2C7

 E8E2E3

 00E2C7

 FFE2E5

 FFE2E8

 FFE2EB

 FFE2EE

Harmonies

Analogous

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



99E0B4



77E2D5



6AE0F4

Triad

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



77E2D5



DCC6FF



FDC596

Complementary

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



77E2D5



E27784

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.



FFBCAC



77E2D5



FEBCEC

Square

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



77E2D5



AFD1FF



FFB8CB



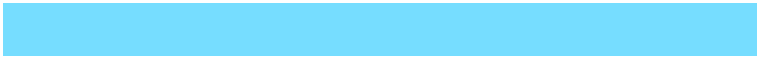
E1D090

Rectangle

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



77E2D5



76DDFF



FFB8CB



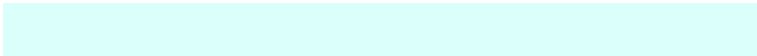
FFC29C

Sweetspot

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



77E2D5



DBFFFB



85E277



6A807D



000000



808080

Same Dimension

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



77E2D5



6EFFED



77BBE2



65706F



00B09B



00302B

Inverse Universe

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



E27784



FF6E7F



E29E77



706566



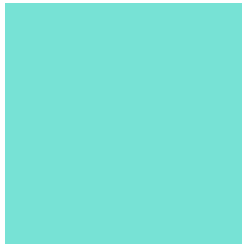
B00015



300006

Previews

White Background



This preview shows how the Hex color 77E2D5 looks on a white background.

Color Contrast Check

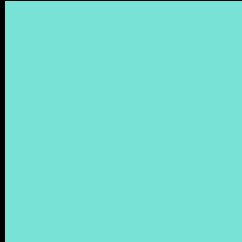
Large Text (above 18pt) WCAG AA × Fail

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 77E2D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

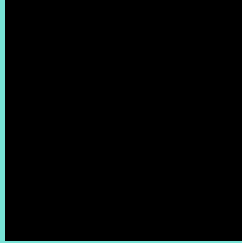
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

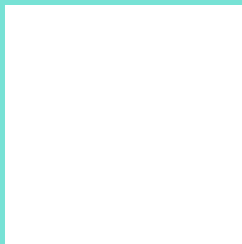
Any Text WCAG AAA ✓ Pass

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

Hex 77E2D5 Background



This preview shows how black text looks on a background with the Hex color 77E2D5.

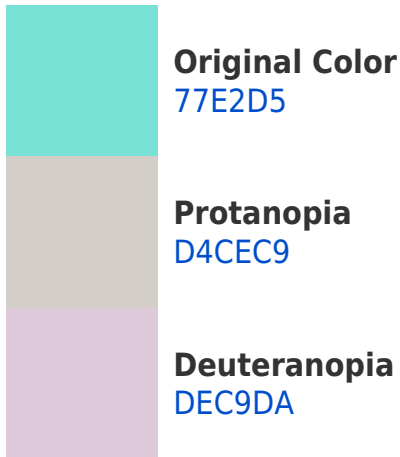


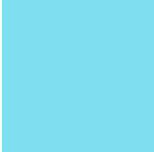
This preview shows how white text looks on a background with the Hex color 77E2D5.

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
7FDEF0

Trichromacy



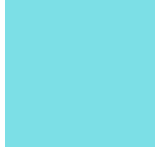
Original Color
77E2D5



Protanomaly
B2D5CD



Deuteranomaly
B9D2D8

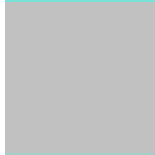


Tritanomaly
7CDFE6

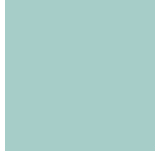
Monochromacy



Original Color
77E2D5



Achromatopsia
C1C1C1



Achromatomaly
A6CDC8

CSS Examples

Text

The CSS property to change the color of the text to Hex 77E2D5 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 #77E2D5 looks like.

```
.text, #text, p{  
    color:#77E2D5  
}
```

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 #77E2D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77E2D5
}
```

Border

The CSS property to change the border of an element to Hex 77E2D5 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
#77E2D5 }
```

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

```
.border{ border-color:#77E2D5 }
```

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

Here you see how a box with a 4 pixel #77E2D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77E2D5; -webkit-box-shadow:4px 4px  
4px 4px #77E2D5; box-shadow:4px 4px 4px  
4px #77E2D5 }
```

Background

The CSS property to change the background color of an element to Hex 77E2D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77E2D5 }
```

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

```
.background{ background-color:#77E2D5 }
```

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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