

# Converting Colors

Hex(78E8D5)

Have a look what the booklet for  
Hex(78E8D5) contains.

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**Color**

**Hex(78E8D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78E8D5
RGB	120, 232, 213
RGB Percent	47%, 91%, 84%
CMY	0.5294, 0.0902, 0.1647
CMYK	0.48, 0.00, 0.08, 0.09
HSL	170°, 71%, 69%
HSV	170°, 48%, 91%
XYZ	48.6126, 66.5104, 73.2264
YIQ	196.3460, -60.6530, -29.6530

# Conversions

## Conversions Part 2

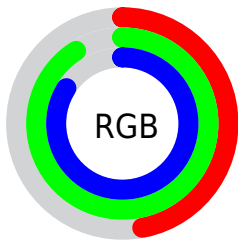
Format	Color
<a href="#">RYB</a>	<a href="#">120, 181, 232</a>
Decimal	<a href="#">7923925</a>
CIELab	<a href="#">85.26, -36.59, -0.65</a>
CIELCh	<a href="#">85, 36.595, 181.013</a>
Yxy	<a href="#">66.5104, 0.2581, 0.3531</a>
Android (android.graphics.Color)	<a href="#">4286114005</a> ( <a href="#">0xFF78E8D5</a> )
YUV	<a href="#">196.3460, 8.2104, -66.9554</a>
Hunter-Lab	<a href="#">81.5539, -36.3192, 3.8518</a>

# Details

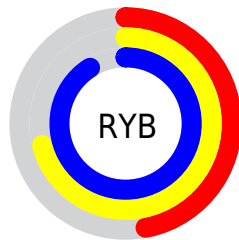
The Hex color **78E8D5** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **E8788B**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **B3FFFF**, and **3AB09E** is the 20% darker color. If you saturate the color by 10%, you get **61E8D1**, and if you desaturate by 10%, it is **8FE8D9**.

# Distribution



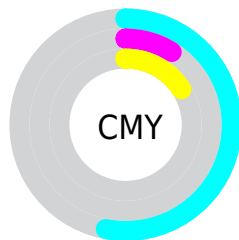
- Red (47%)
- Green (91%)
- Blue (84%)



- Red (47%)
- Yellow (71%)
- Blue (91%)



- Cyan (48%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)



- Cyan (53%)
- Magenta (9%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78E8D5 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 78E8D5 by changing the saturation by 10% instead.



 78E8D5

 78E8D5

FFFFFF

 5ACCB9

 B3FFFF

 3AB09E

 D0FFFF

 0C9584

 EEEFFF

 007A6B

 006153

 00493C

 003126

 001B12

 000000

 78E8D5

 78E8D5

 61E8D1

 8FE8D9

 4AE8CD

 A6E8DD

 32E8C9

 BEE8E1

 1BE8C5

 D5E8E5

 04E8C1

 ECE8E9

 00E8C1

 FFE8ED

 FFE8F1

 FFE8F4

 FFE8F8

# Harmonies

## Analogous

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



9FE5B2



78E8D5



63E7F7

# Triad

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



78E8D5



DBCCFF



FFC79A

# Complementary

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



78E8D5



E8788B

# 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.



FFBEB3



78E8D5



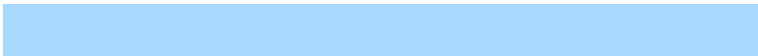
FFC1F7

# Square

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



78E8D5



A9D8FF



FFBBD5



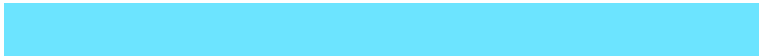
ECD390

# Rectangle

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



78E8D5



6CE4FF



FFBBD5



FFC4A1

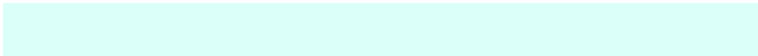


# Sweetspot

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



78E8D5



DBFFF9



8DE878



6A807C



000000



808080



# Same Dimension

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



78E8D5



6BFFE6



78C5E8



677371



00B394



00332A



# Inverse Universe

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



E8788B



FF6B84



E89B78



736769



B3001E

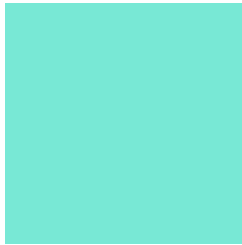


330009



# Previews

## White Background



This preview shows how the Hex color 78E8D5 looks on a white background.

## Color Contrast Check

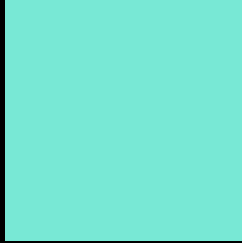
Large Text (above 18pt) WCAG AA × Fail

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 78E8D5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

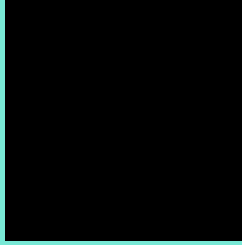
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

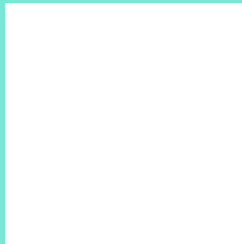
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 78E8D5 Background



This preview shows how black text looks on a background with the Hex color 78E8D5.

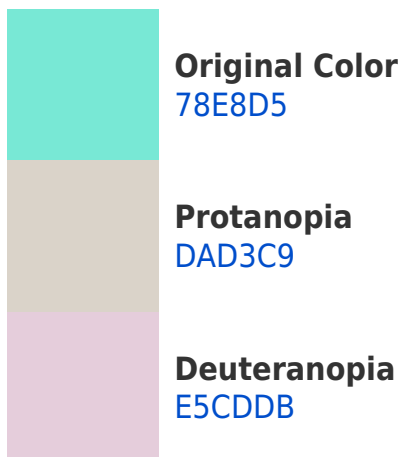


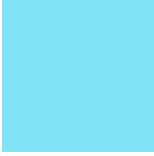
This preview shows how white text looks on a background with the Hex color 78E8D5.

# 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**  
82E3F6

# Trichromacy



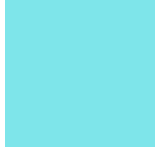
**Original Color**  
78E8D5



**Protanomaly**  
B6DBCD



**Deuteranomaly**  
BDD7D9

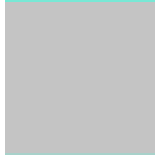


**Tritanomaly**  
7EE5EA

# Monochromacy



**Original Color**  
78E8D5



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
A8D1CA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78E8D5 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 #78E8D5 looks like.

```
.text, #text, p{  
    color:#78E8D5  
}
```

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 #78E8D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78E8D5
}
```

## Border

The CSS property to change the border of an element to Hex 78E8D5 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
#78E8D5 }
```

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

```
.border{ border-color:#78E8D5 }
```

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

Here you see how a box with a 4 pixel #78E8D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78E8D5; -webkit-box-shadow:4px 4px  
4px 4px #78E8D5; box-shadow:4px 4px 4px  
4px #78E8D5 }
```

# Background

The CSS property to change the background color of an element to Hex 78E8D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78E8D5 }
```

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

```
.background{ background-color:#78E8D5 }
```

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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