

Converting Colors

Hex(78E3BE)

Have a look what the booklet for
Hex(78E3BE) contains.

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Color

Hex(78E3BE)

Conversions

Conversions Part 1

Format	Color
Hex	78E3BE
RGB	120, 227, 190
RGB Percent	47%, 89%, 75%
CMY	0.5294, 0.1098, 0.2549
CMYK	0.47, 0.00, 0.16, 0.11
HSL	159°, 66%, 68%
HSV	159°, 47%, 89%
XYZ	44.5091, 62.6489, 58.4618
YIQ	190.7890, -51.8950, -34.1910

Conversions

Conversions Part 2

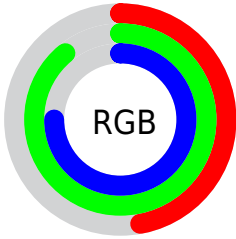
Format	Color
RYB	120, 185, 227
Decimal	7922622
CIELab	83.26, -39.56, 8.58
CIELCh	83, 40.477, 167.765
Yxy	62.6489, 0.2687, 0.3783
Android (android.graphics.Color)	4286112702 (0xFF78E3BE)
YUV	190.7890, -0.3890, -62.0820
Hunter-Lab	79.1511, -38.1384, 11.6136

Details

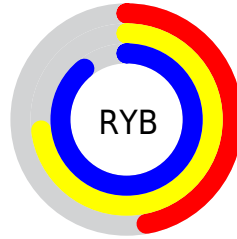
The Hex color **78E3BE** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E3789D**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B2FFF6**, and **3DAB89** is the 20% darker color. If you saturate the color by 10%, you get **61E3B6**, and if you desaturate by 10%, it is **8FE3C6**.

Distribution



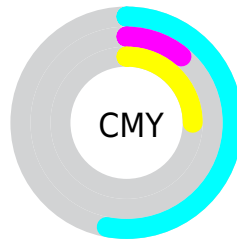
- Red (47%)
- Green (89%)
- Blue (75%)



- Red (47%)
- Yellow (73%)
- Blue (89%)



- Cyan (47%)
- Magenta (0%)
- Yellow (16%)
- Black (11%)



- Cyan (53%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78E3BE 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 78E3BE by changing the saturation by 10% instead.

 78E3BE

 78E3BE

FFFFFF

 5BC7A3

 B2FFF6

 3DAB89

 CFFFFFF

 17906F

 EFFFFFF

 007657

 005C40

 00442A

 002D15

 001400

 000000

 78E3BE

 78E3BE

 61E3B6

 8FE3C6

 4BE3AE

 A5E3CE

 34E3A6

 BCE3D6

 1DE39F

 D3E3DD

 06E397

 E9E3E5

 00E395

 FFE3ED

 FFE3F5

 FFE3FD

 FFE3FF

Harmonies

Analogous

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



A7DE9B



78E3BE



4CE4E5

Triad

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



78E3BE



BECBFF



FFBB99

Complementary

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



78E3BE



E3789D

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.



FFB3BA



78E3BE



F0BEFF

Square

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



78E3BE



81D8FF



FFB4E1



F7C885

Rectangle

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



78E3BE



42E2FD



FFB4E1



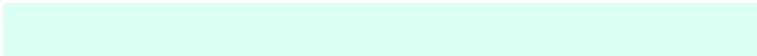
FFB8A3

Sweetspot

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



78E3BE



DBFFF3



9DE378



6A8078



000000



808080

Same Dimension

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



78E3BE



6EFFCD



78D3E3



67736F



00B375



003321

Inverse Universe

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



E3789D



FF6EA0



E38878



73676B



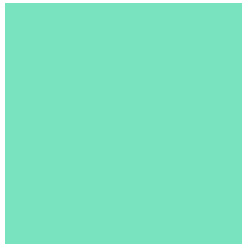
B3003E



330012

Previews

White Background



This preview shows how the Hex color 78E3BE looks on a white background.

Color Contrast Check

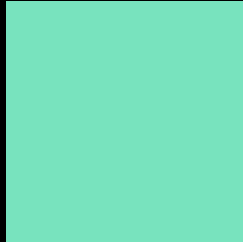
Large Text (above 18pt) WCAG AA × Fail

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 78E3BE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

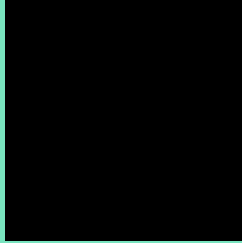
Any Text WCAG AA ✓ Pass

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 78E3BE Background



This preview shows how black text looks on a background with the Hex color 78E3BE.

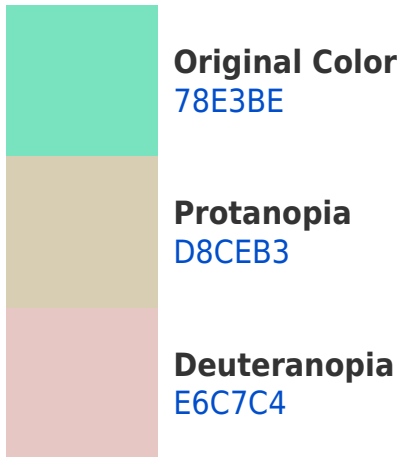


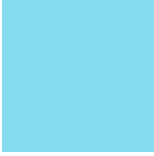
This preview shows how white text looks on a background with the Hex color 78E3BE.

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
85DCEE

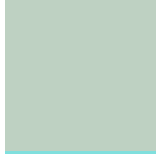
Trichromacy



Original Color
78E3BE



Protanomaly
B5D6B7



Deuteranomaly
BED1C2

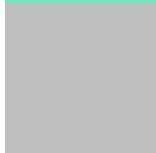


Tritanomaly
80DFDD

Monochromacy



Original Color
78E3BE



Achromatopsia
BFBFBF



Achromatomaly
A5CCBF

CSS Examples

Text

The CSS property to change the color of the text to Hex 78E3BE 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 #78E3BE looks like.

```
.text, #text, p{  
    color:#78E3BE  
}
```

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 #78E3BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78E3BE
}
```

Border

The CSS property to change the border of an element to Hex 78E3BE 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
#78E3BE }
```

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

```
.border{ border-color:#78E3BE }
```

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

Here you see how a box with a 4 pixel #78E3BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78E3BE; -webkit-box-shadow:4px 4px  
4px 4px #78E3BE; box-shadow:4px 4px 4px  
4px #78E3BE }
```

Background

The CSS property to change the background color of an element to Hex 78E3BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78E3BE }
```

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

```
.background{ background-color:#78E3BE }
```

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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