

Converting Colors

Hex(7BE58D)

Have a look what the booklet for
Hex(7BE58D) contains.

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Color

Hex(7BE58D)

Conversions

Conversions Part 1

Format	Color
Hex	7BE58D
RGB	123, 229, 141
RGB Percent	48%, 90%, 55%
CMY	0.5176, 0.1020, 0.4471
CMYK	0.46, 0.00, 0.38, 0.10
HSL	130°, 67%, 69%
HSV	130°, 46%, 90%
XYZ	40.9954, 62.1727, 35.0391
YIQ	187.2740, -34.9280, -49.8400

Conversions

Conversions Part 2

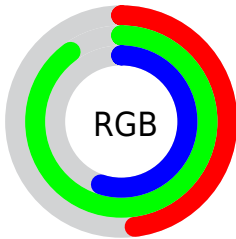
Format	Color
RYB	123, 214, 229
Decimal	8119693
CIELab	83.01, -48.97, 33.64
CIElCh	83, 59.413, 145.510
Yxy	62.1727, 0.2966, 0.4499
Android (android.graphics.Color)	4286309773 (0xFF7BE58D)
YUV	187.2740, -22.8131, -56.3683
Hunter-Lab	78.8496, -45.1814, 28.8475

Details

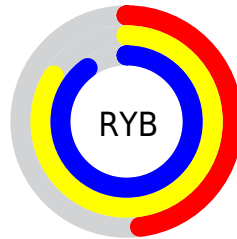
The Hex color **7BE58D** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E57BD3**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **B4FFC3**, and **40AD5A** is the 20% darker color. If you saturate the color by 10%, you get **64E57A**, and if you desaturate by 10%, it is **92E5A0**.

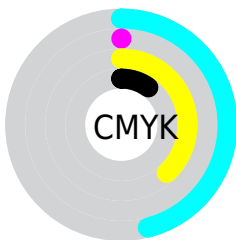
Distribution



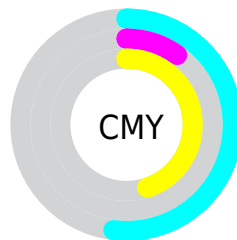
- Red (48%)
- Green (90%)
- Blue (55%)



- Red (48%)
- Yellow (84%)
- Blue (90%)



- Cyan (46%)
- Magenta (0%)
- Yellow (38%)
- Black (10%)



- Cyan (52%)
- Magenta (10%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BE58D 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 7BE58D by changing the saturation by 10% instead.

 7BE58D

 7BE58D

FFFFFF

 5EC973

 B4FFC3

 40AD5A

 D2FFE0

 1D9241

 EFFFFC

 007729

 005E10

 004500

 002E00

 001200

 000000

 7BE58D

 7BE58D

 64E57A

 92E5A0

 4DE567

 A9E5B3

 36E554

 C0E5C6

 1FE541

 D7E5D9

 09E52E

 EEE5EC

 00E527

 FFE5FF

Harmonies

Analogous

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



C0DA65



7BE58D



00EAC4

Triad

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



7BE58D



4CD7FF



FFA3A2

Complementary

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



7BE58D



E57BD3

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.



FFA0D9



7BE58D



C5C3FF

Square

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



7BE58D



00E4FF



FFAEFF



FFB474

Rectangle

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



7BE58D



00EBEB



FFAEFF



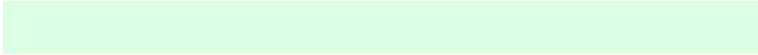
FFA0B4

Sweetspot

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



7BE58D



DBFFE1



D3E57B



6A806E



000000



808080

Same Dimension

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



7BE58D



70FF88



7BE5C2



677369



00B31E



003309

Inverse Universe

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



E57BD3



FF70E7



E57B9E



736771



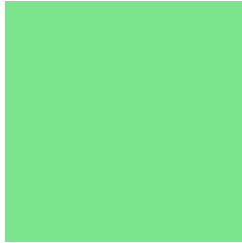
B30094



33002A

Previews

White Background



This preview shows how the Hex color 7BE58D 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 7BE58D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

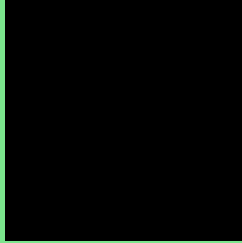
Any Text WCAG AA ✓ Pass

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 7BE58D Background



This preview shows how black text looks on a background with the Hex color 7BE58D.

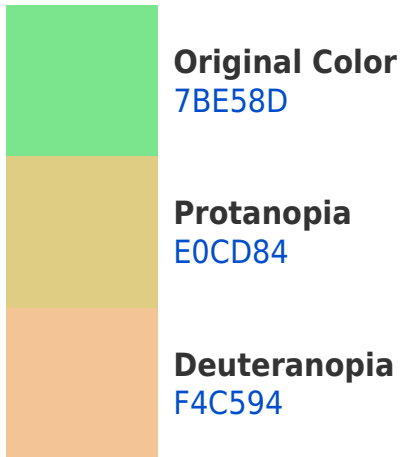


This preview shows how white text looks on a background with the Hex color 7BE58D.

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



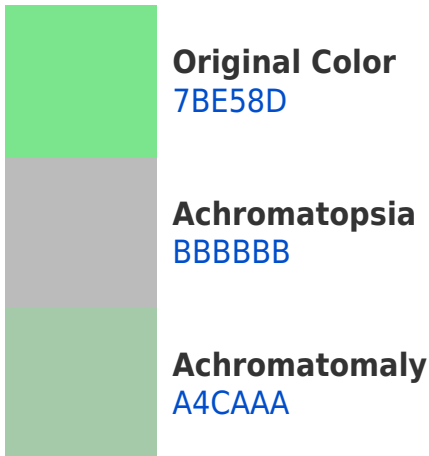


Tritanopia
90DAEB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BE58D 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 #7BE58D looks like.

```
.text, #text, p{  
    color:#7BE58D  
}
```

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 #7BE58D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BE58D
}
```

Border

The CSS property to change the border of an element to Hex 7BE58D 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
#7BE58D }
```

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

```
.border{ border-color:#7BE58D }
```

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

Here you see how a box with a 4 pixel #7BE58D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BE58D; -webkit-box-shadow:4px 4px  
4px 4px #7BE58D; box-shadow:4px 4px 4px  
4px #7BE58D }
```

Background

The CSS property to change the background color of an element to Hex 7BE58D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BE58D }
```

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

```
.background{ background-color:#7BE58D }
```

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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