

# Converting Colors

Hex(7BE27D)

Have a look what the booklet for  
Hex(7BE27D) contains.

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# Color

**Hex(7BE27D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BE27D
RGB	123, 226, 125
RGB Percent	48%, 89%, 49%
CMY	0.5176, 0.1137, 0.5098
CMYK	0.46, 0.00, 0.45, 0.11
HSL	121°, 64%, 68%
HSV	121°, 46%, 89%
XYZ	39.0664, 60.0843, 28.9405
YIQ	183.6890, -28.9670, -53.2470

# Conversions

## Conversions Part 2

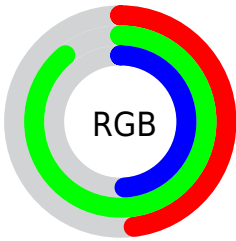
Format	Color
<a href="#">RYB</a>	<a href="#">123, 224, 226</a>
Decimal	<a href="#">8118909</a>
CIELab	<a href="#">81.88, -50.16, 40.17</a>
CIElCh	<a href="#">82, 64.263, 141.307</a>
Yxy	<a href="#">60.0843, 0.3050, 0.4691</a>
Android (android.graphics.Color)	<a href="#">4286308989 (0xFF7BE27D)</a>
YUV	<a href="#">183.6890, -28.9337, -53.2243</a>
Hunter-Lab	<a href="#">77.5141, -45.6872, 32.1235</a>

# Details

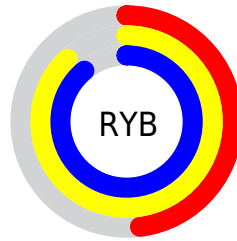
The Hex color **7BE27D** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E27BE0**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **B4FFB3**, and **40AA4A** is the 20% darker color. If you saturate the color by 10%, you get **64E267**, and if you desaturate by 10%, it is **92E293**.

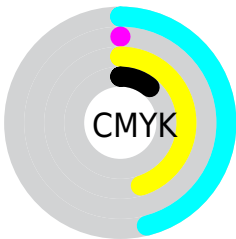
# Distribution



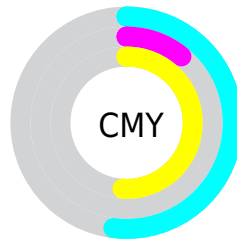
- Red (48%)
- Green (89%)
- Blue (49%)



- Red (48%)
- Yellow (88%)
- Blue (89%)



- Cyan (46%)
- Magenta (0%)
- Yellow (45%)
- Black (11%)



- Cyan (52%)
- Magenta (11%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BE27D 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 7BE27D by changing the saturation by 10% instead.



 7BE27D

 7BE27D

FFFFFF

 5EC663

 B4FFB3

 40AA4A

 D2FFCF

 1D8F31

 EFFFEC

 007417

 005B00

 004200

 002D00

 000D00

 000000

 7BE27D

 7BE27D

 64E267

 92E293

 4EE251

 A8E2A9

 37E23B

 BFE2BF

 21E224

 D5E2D6

 0AE20E

 ECE2EC

 00E204

 FFE2FF

# Harmonies

## Analogous

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



C3D555



7BE27D



00E8B7

# Triad

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



7BE27D



00D7FF



FF99A3

# Complementary

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



7BE27D



E27BE0

# 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.



FF99E0



7BE27D



B1C3FF

# Square

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



7BE27D



00E4FF



FFAAFF



FFAB6F

# Rectangle

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



7BE27D



00EAE1



FFAAFF



FF97B7

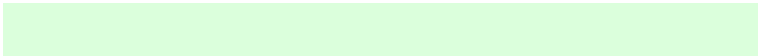


# Sweetspot

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



7BE27D



DBFFDC



E0E27B



6A806A



000000



808080



# Same Dimension

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



7BE27D



73FF75



7BE2B0



657065



00B003



003001



# Inverse Universe

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



E27BE0



FF73FC



E27BAD



706570



B000AD



300030



# Previews

## White Background



This preview shows how the Hex color 7BE27D 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 7BE27D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

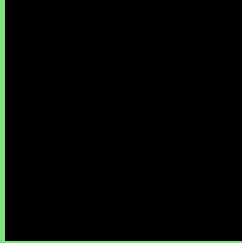
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7BE27D Background



This preview shows how black text looks on a background with the Hex color 7BE27D.

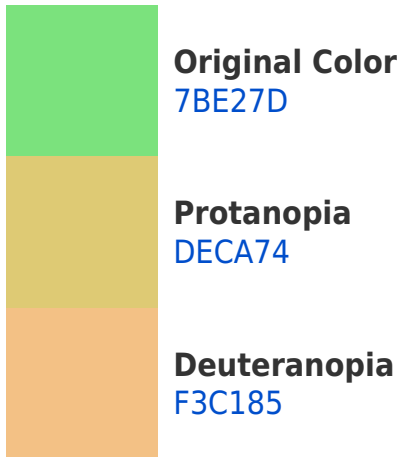


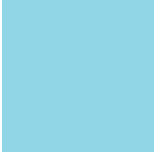
This preview shows how white text looks on a background with the Hex color 7BE27D.

# 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





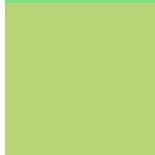
**Tritanopia**  
91D6E7

# Trichromacy



**Original Color**

7BE27D



**Protanomaly**

BAD377



**Deuteranomaly**

C7CD82



**Tritanomaly**

89DAC0

# Monochromacy



**Original Color**

7BE27D



**Achromatopsia**

B8B8B8



**Achromatomaly**

A2C7A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BE27D 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 #7BE27D looks like.

```
.text, #text, p{  
    color:#7BE27D  
}
```

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 #7BE27D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BE27D
}
```

## Border

The CSS property to change the border of an element to Hex 7BE27D 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
#7BE27D }
```

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

```
.border{ border-color:#7BE27D }
```

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

Here you see how a box with a 4 pixel #7BE27D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BE27D; -webkit-box-shadow:4px 4px  
4px 4px #7BE27D; box-shadow:4px 4px 4px  
4px #7BE27D }
```

# Background

The CSS property to change the background color of an element to Hex 7BE27D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BE27D }
```

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

```
.background{ background-color:#7BE27D }
```

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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