

# Converting Colors

Hex(7BE6A4)

Have a look what the booklet for  
Hex(7BE6A4) contains.

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# Color

**Hex(7BE6A4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BE6A4
RGB	123, 230, 164
RGB Percent	48%, 90%, 64%
CMY	0.5176, 0.0980, 0.3569
CMYK	0.47, 0.00, 0.29, 0.10
HSL	143°, 68%, 69%
HSV	143°, 47%, 90%
XYZ	43.1660, 63.4849, 45.1007
YIQ	190.4830, -42.5860, -43.2100

# Conversions

## Conversions Part 2

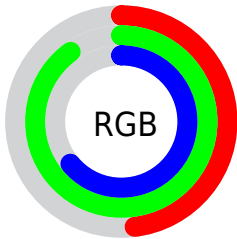
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 200, 230
Decimal	8119972
CIELab	83.70, -45.40, 22.80
CIELCh	84, 50.804, 153.328
Yxy	63.4849, 0.2845, 0.4183
Android (android.graphics.Color)	4286310052 (0xFF7BE6A4)
YUV	190.4830, -13.0561, -59.1826
Hunter-Lab	79.6774, -42.7313, 22.2136

# Details

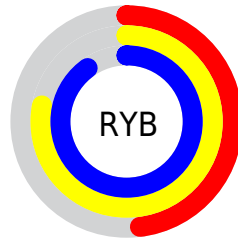
The Hex color **7BE6A4** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E67BBD**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B4FFDB**, and **41AE70** is the 20% darker color. If you saturate the color by 10%, you get **64E696**, and if you desaturate by 10%, it is **92E6B2**.

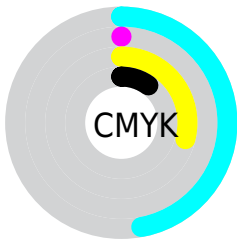
# Distribution



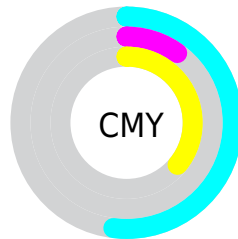
- Red (48%)
- Green (90%)
- Blue (64%)



- Red (48%)
- Yellow (78%)
- Blue (90%)



- Cyan (47%)
- Magenta (0%)
- Yellow (29%)
- Black (10%)



- Cyan (52%)
- Magenta (10%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BE6A4 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 7BE6A4 by changing the saturation by 10% instead.



 7BE6A4

 7BE6A4

FFFFFF

 5ECA8A

 B4FFDB

 41AE70

 D2FFF8

 1D9357

 EFFFFFF

 00783F

 005F29

 004613

 002F00

 001500

 000000

 7BE6A4

 7BE6A4

 64E696

 92E6B2

 4DE688

 A9E6C0

 36E679

 C0E6CF

 1FE66B

 D7E6DD

 08E65D

 EEE6EB

 00E658

 FFE6F9

 FFE6FF

# Harmonies

## Analogous

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



B7DD7E



7BE6A4



0AEAD5

# Triad

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



7BE6A4



8ED4FF



FFB09F

# Complementary

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



7BE6A4



E67BBD

# 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.



FFAACD



7BE6A4



DCC2FF

# Square

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



7BE6A4



00E1FF



FFB1FC



FFBF7C

# Rectangle

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



7BE6A4



00E9F5



FFB1FC



FFACAD

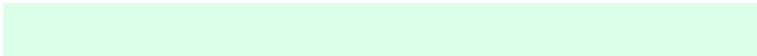


# Sweetspot

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



7BE6A4



DBFFE9



BFE67B



6A8072



000000



808080



# Same Dimension

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



7BE6A4



70FFA7



7BE6D8



67736C



00B344



003314



# Inverse Universe

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



E67BBD



FF70C8



E67B89



73676E



B3006E

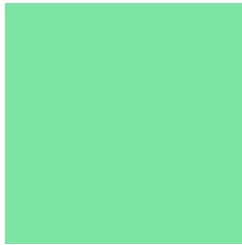


33001F



# Previews

## White Background



This preview shows how the Hex color 7BE6A4 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 7BE6A4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

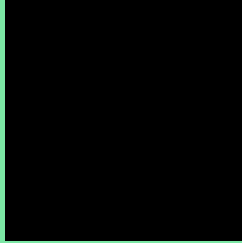
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7BE6A4 Background



This preview shows how black text looks on a background with the Hex color 7BE6A4.

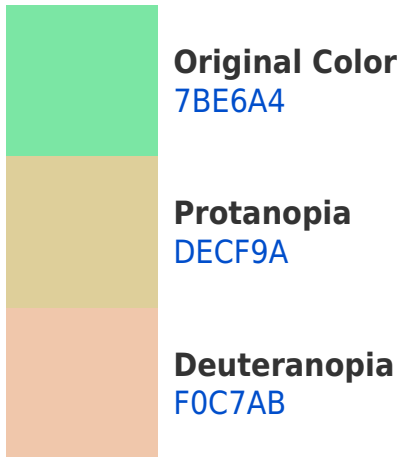


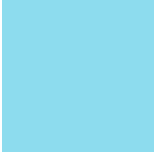
This preview shows how white text looks on a background with the Hex color 7BE6A4.

# 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**  
8DDCEE

# Trichromacy



**Original Color**  
7BE6A4



**Protanomaly**  
BAD79E



**Deuteranomaly**  
C5D2A8



**Tritanomaly**  
86E0D3

# Monochromacy



**Original Color**  
7BE6A4



**Achromatopsia**  
BEBEBE



**Achromatomaly**  
A6CDB5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BE6A4 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 #7BE6A4 looks like.

```
.text, #text, p{  
    color:#7BE6A4  
}
```

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 #7BE6A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BE6A4
}
```

## Border

The CSS property to change the border of an element to Hex 7BE6A4 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
#7BE6A4 }
```

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

```
.border{ border-color:#7BE6A4 }
```

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

Here you see how a box with a 4 pixel #7BE6A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BE6A4; -webkit-box-shadow:4px 4px  
4px 4px #7BE6A4; box-shadow:4px 4px 4px  
4px #7BE6A4 }
```

# Background

The CSS property to change the background color of an element to Hex 7BE6A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BE6A4 }
```

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

```
.background{ background-color:#7BE6A4 }
```

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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