

# Converting Colors

Hex(7BE4F6)

Have a look what the booklet for  
Hex(7BE4F6) contains.

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# **Color**

**Hex(7BE4F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BE4F6
RGB	123, 228, 246
RGB Percent	48%, 89%, 96%
CMY	0.5176, 0.1059, 0.0353
CMYK	0.50, 0.07, 0.00, 0.04
HSL	189°, 87%, 72%
HSV	189°, 50%, 96%
XYZ	52.5463, 66.3516, 97.2264
YIQ	198.6570, -68.3580, -16.6620

# Conversions

## Conversions Part 2

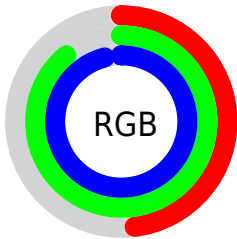
Format	Color
R <sub>YB</sub>	123, 180, 246
Decimal	8119542
CIE Lab	85.18, -25.74, -18.15
CIE LCh	85, 31.492, 215.196
Yxy	66.3516, 0.2431, 0.3070
Android (android.graphics.Color)	4286309622 (0xFF7BE4F6)
YUV	198.6570, 23.3401, -66.3512
Hunter-Lab	81.4565, -27.4012, -13.7490

# Details

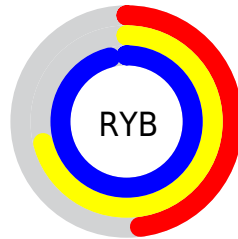
The Hex color **7BE4F6** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F68D7B**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **B6FFFF**, and **3BACBE** is the 20% darker color. If you saturate the color by 10%, you get **62E0F6**, and if you desaturate by 10%, it is **94E8F6**.

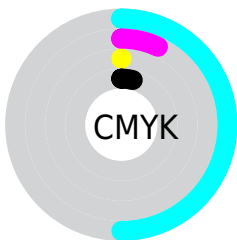
# Distribution



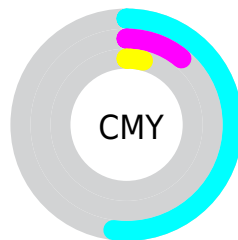
- Red (48%)
- Green (89%)
- Blue (96%)



- Red (48%)
- Yellow (71%)
- Blue (96%)



- Cyan (50%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (52%)
- Magenta (11%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BE4F6 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 7BE4F6 by changing the saturation by 10% instead.



 7BE4F6

FFFFFF

 B6FFFF

 D4FFFF

 F2FFFF

 7BE4F6

 5DC8DA

 3BACBE

 0792A3

 007888

 005F6F

 004757

 00303F

 001C29

 000115

 7BE4F6

 7BE4F6

 62E0F6

 94E8F6

 4ADDF6

 ACEBF6

 31D9F6

 C5EFF6

 19D6F6

 DDF2F6

 00D2F6

 F6F6F6

 FFFAF6

 FFFDF6

 FFFFF6

# Harmonies

## Analogous

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



85E6D9



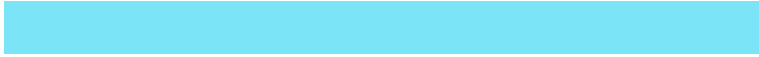
7BE4F6



8FDFFF

# Triad

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



7BE4F6



FFC3EE



E5D599

# Complementary

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



7BE4F6



F68D7B

# 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.



FFCAA0



7BE4F6



FFBFD1

# Square

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



7BE4F6



E0CBFF



FFC2B4



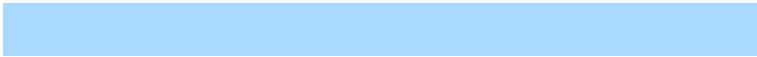
C5DDA3

# Rectangle

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



7BE4F6



A9D9FF



FFC2B4



EFD19A



# Sweetspot

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



7BE4F6



D9F9FF



7BF68B



697C80



000000



808080



# Same Dimension

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



7BE4F6



66E9FF



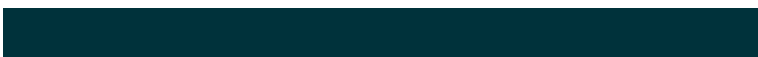
7BA8F6



6E797A



009FBA



00323B



# Inverse Universe

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



F67BE4



FF66E9



F6C97B



7A6E79



BA009F

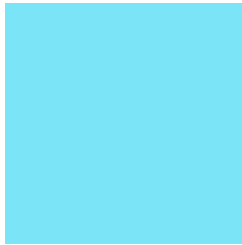


3B0032



# Previews

## White Background



This preview shows how the Hex color 7BE4F6 looks on a white background.

## Color Contrast Check

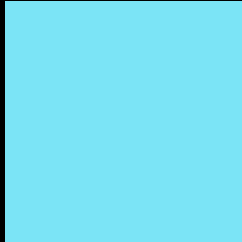
Large Text (above 18pt) WCAG AA × Fail

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 7BE4F6 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 7BE4F6 Background



This preview shows how black text looks on a background with the Hex color 7BE4F6.

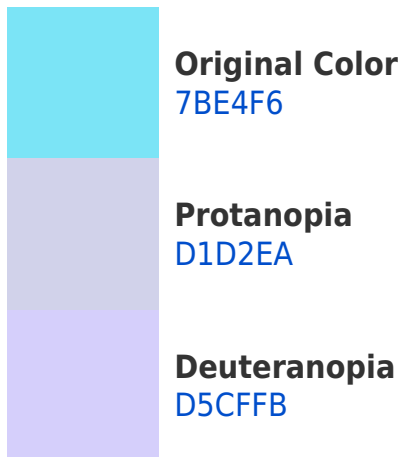


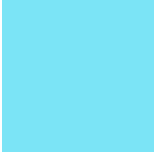
This preview shows how white text looks on a background with the Hex color 7BE4F6.

# 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](#).

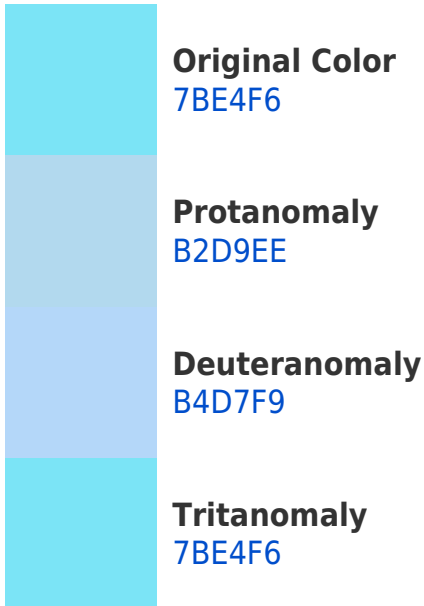
## Dichromacy



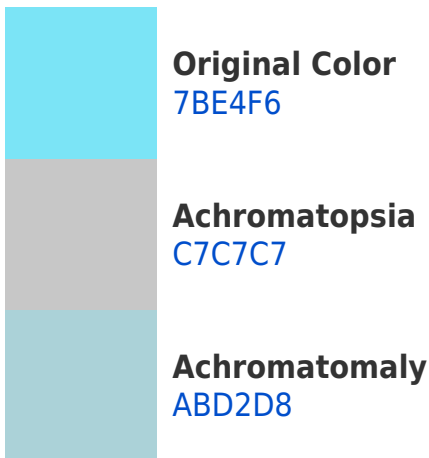


**Tritanopia**  
7BE4F6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BE4F6 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 #7BE4F6 looks like.

```
.text, #text, p{  
    color:#7BE4F6  
}
```

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 #7BE4F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BE4F6
}
```

## Border

The CSS property to change the border of an element to Hex 7BE4F6 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
#7BE4F6 }
```

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

```
.border{ border-color:#7BE4F6 }
```

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

Here you see how a box with a 4 pixel #7BE4F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BE4F6; -webkit-box-shadow:4px 4px  
4px 4px #7BE4F6; box-shadow:4px 4px 4px  
4px #7BE4F6 }
```

# Background

The CSS property to change the background color of an element to Hex 7BE4F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BE4F6 }
```

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

```
.background{ background-color:#7BE4F6 }
```

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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