

# Converting Colors

Hex(BCF7F2)

Have a look what the booklet for  
Hex(BCF7F2) contains.

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# **Color**

**Hex(BCF7F2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCF7F2
RGB	188, 247, 242
RGB Percent	74%, 97%, 95%
CMY	0.2627, 0.0314, 0.0510
CMYK	0.24, 0.00, 0.02, 0.03
HSL	175°, 79%, 85%
HSV	175°, 24%, 97%
XYZ	70.0268, 83.6237, 96.4546
YIQ	228.7890, -33.5590, -14.0630

# Conversions

## Conversions Part 2

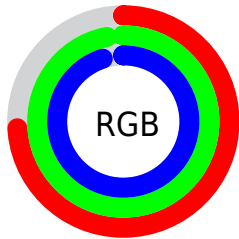
Format	Color
R <sub>Y</sub> B	188, 219, 247
Decimal	12384242
CIE Lab	93.29, -19.47, -3.66
CIE LCh	93, 19.813, 190.632
Yxy	83.6237, 0.2800, 0.3344
Android (android.graphics.Color)	4290574322 (0xFFBCF7F2)
YUV	228.7890, 6.5130, -35.7720
Hunter-Lab	91.4460, -23.3401, 1.4748

# Details

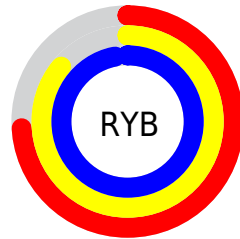
The Hex color **BCF7F2** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F7BCC1**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **F5FFFF**, and **85BFBA** is the 20% darker color. If you saturate the color by 10%, you get **A3F7F0**, and if you desaturate by 10%, it is **D5F7F4**.

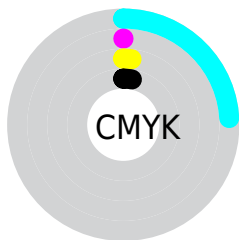
# Distribution



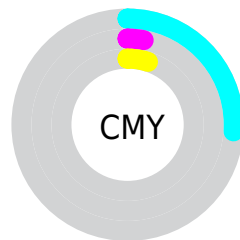
- Red (74%)
- Green (97%)
- Blue (95%)



- Red (74%)
- Yellow (86%)
- Blue (97%)



- Cyan (24%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (26%)
- Magenta (3%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCF7F2 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 BCF7F2 by changing the saturation by 10% instead.



 BCF7F2

FFFFFF

 F5FFFF

 BCF7F2

 A0DAD6

 85BFBA

 6BA39F

 518985

 376F6C

 1C5753

 003F3C

 002927

 001412

 BCF7F2

 BCF7F2

 A3F7F0

 D5F7F4

 8BF7EE

 EDF7F6

 72F7EC

 FFF7F8

 59F7EA

 FFF7FA

 41F7E8

 FFF7FC

 28F7E5

 FFF7FF

 0FF7E3

 00F7E2

# Harmonies

## Analogous

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



CAF6DE



BCF7F2



BBF5FF

# Triad

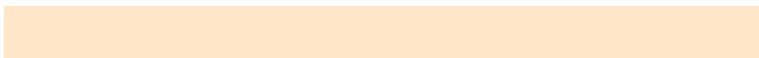
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BCF7F2



F8E5FF



FFE6C8

# Complementary

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



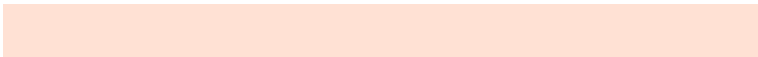
BCF7F2



F7BCC1

# 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.



FFE1D4



BCF7F2



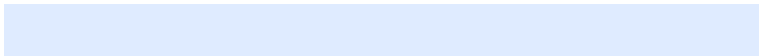
FFE0F9

# Square

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



BCF7F2



DFE8FF



FFD8E5



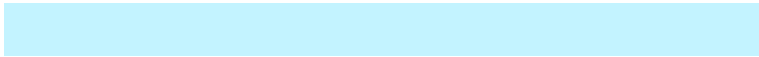
F4E8C6

# Rectangle

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



BCF7F2



C3F3FF



FFDFE5

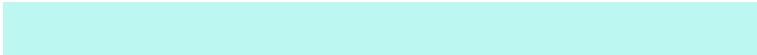


FFE4CB



# Sweetspot

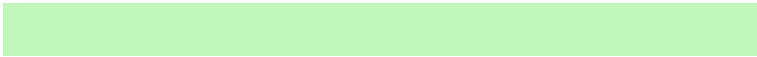
The Sweet Spot groups the original color and five complimentary colors.



BCF7F2



EDFFFD



C2F7BC



75807F



000000



808080



# Same Dimension

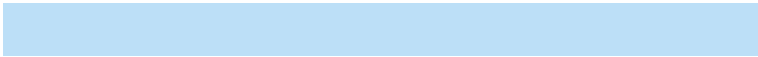
The Same Dimension uses a secret algorithm to generate beautiful new colors.



BCF7F2



B5FFF9



BCDFF7



6E7A79



00BAAA



003B36



# Inverse Universe

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



F7BCC1



FFB5BB



F7D4BC



7A6E6F



BA0010

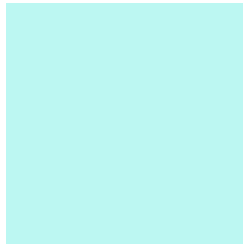


3B0005



# Previews

## White Background



This preview shows how the Hex color BCF7F2 looks on a white background.

## Color Contrast Check

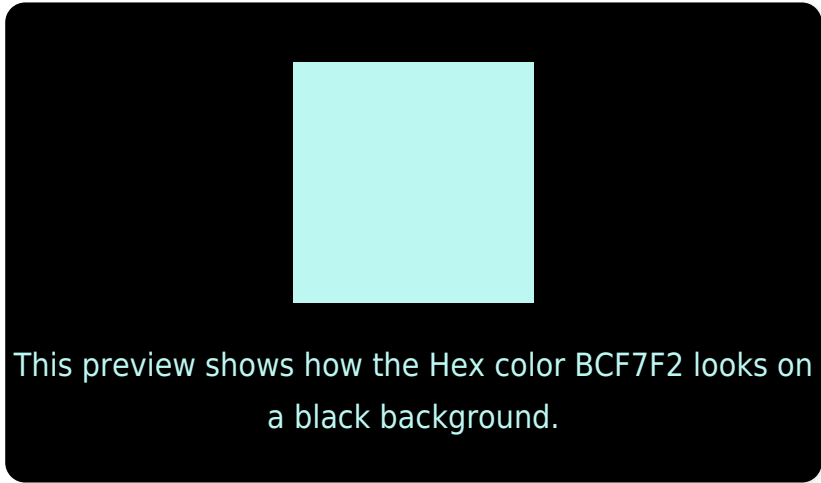
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

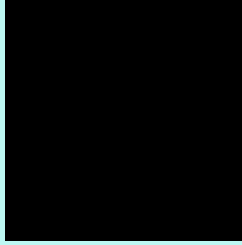
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

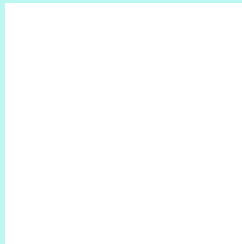
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BCF7F2 Background



This preview shows how black text looks on a background with the Hex color BCF7F2.

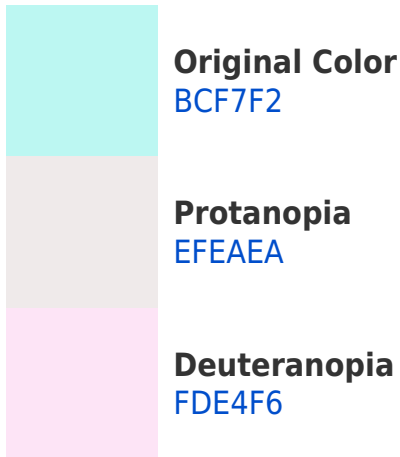


This preview shows how white text looks on a background with the Hex color BCF7F2.

# 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



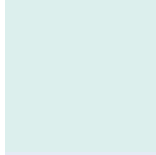


**Tritanopia**  
CFF1FF

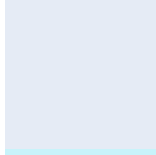
# Trichromacy



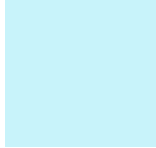
**Original Color**  
BCF7F2



**Protanomaly**  
DCEFED



**Deuteranomaly**  
E5EBF5

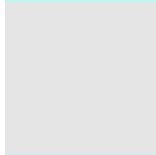


**Tritanomaly**  
C8F3FA

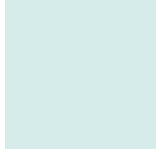
# Monochromacy



**Original Color**  
BCF7F2



**Achromatopsia**  
E5E5E5



**Achromatomaly**  
D6ECEA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCF7F2 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 #BCF7F2 looks like.

```
.text, #text, p{  
    color:#BCF7F2  
}
```

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 #BCF7F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCF7F2 }  
}
```

## Border

The CSS property to change the border of an element to Hex BCF7F2 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 #BCF7F2 }  
}
```

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

```
.border{ border-color:#BCF7F2 }
```

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

Here you see how a box with a 4 pixel #BCF7F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCF7F2; -webkit-box-shadow:4px 4px  
4px 4px #BCF7F2; box-shadow:4px 4px 4px  
4px #BCF7F2 }
```

# Background

The CSS property to change the background color of an element to Hex BCF7F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCF7F2 }
```

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

```
.background{ background-color:#BCF7F2 }
```

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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