

# Converting Colors

Hex(BCB5F2)

Have a look what the booklet for  
Hex(BCB5F2) contains.

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# **Color**

**Hex(BCB5F2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCB5F2
RGB	188, 181, 242
RGB Percent	74%, 71%, 95%
CMY	0.2627, 0.2902, 0.0510
CMYK	0.22, 0.25, 0.00, 0.05
HSL	247°, 70%, 83%
HSV	247°, 25%, 95%
XYZ	53.2899, 50.1499, 90.8756
YIQ	190.0470, -15.4090, 20.4550

# Conversions

## Conversions Part 2

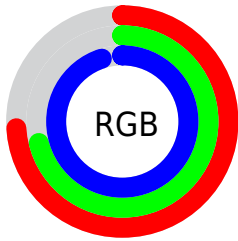
Format	Color
R <sub>Y</sub> B	188, 181, 242
Decimal	12367346
CIE Lab	76.16, 15.05, -29.41
CIE LCh	76, 33.031, 297.098
Yxy	50.1499, 0.2742, 0.2581
Android (android.graphics.Color)	4290557426 (0xFFBCB5F2)
YUV	190.0470, 25.6128, -1.7952
Hunter-Lab	70.8166, 10.3933, -26.5124

# Details

The Hex color **BCB5F2** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EBF2B5**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **F5EDFF**, and **8680BA** is the 20% darker color. If you saturate the color by 10%, you get **A79DF2**, and if you desaturate by 10%, it is **D1CDF2**.

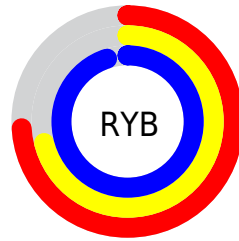
# Distribution



Red (74%)

Green (71%)

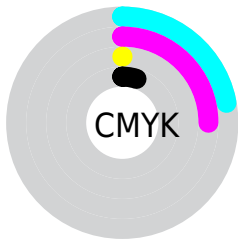
Blue (95%)



Red (74%)

Yellow (71%)

Blue (95%)

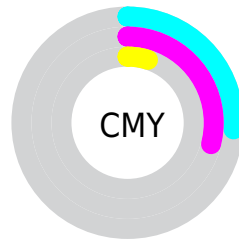


Cyan (22%)

Magenta (25%)

Yellow (0%)

Black (5%)



Cyan (26%)

Magenta (29%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCB5F2 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 BCB5F2 by changing the saturation by 10% instead.



 BCB5F2

 BCB5F2

FFFFFF

 A19AD6

 F5EDFF

 8680BA

 6C679F

 524F84

 3A386B

 212352

 060E3B

 000225

 00010D

 BCB5F2

 BCB5F2

 A79DF2

 D1CDF2

 9185F2

 E7E5F2

 7C6CF2

 FCFEF2

 6654F2

 FFFFF2

 513CF2

 3B24F2

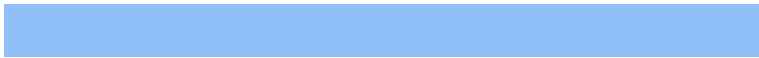
 260CF2

 1C00F2

# Harmonies

## Analogous

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



8FC0F8



BCB5F2



E0ABDD

# Triad

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



BCB5F2



ECAF8A



6ECCB8

# Complementary

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



BCB5F2



EBF2B5

# 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.



91C99A



BCB5F2



D4B97F

# Square

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



BCB5F2



F8A7A1



B4C285



58CCD6

# Rectangle

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



BCB5F2



F0A6CA



B4C285



79CCAD



# Sweetspot

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



BCB5F2



EDEBFF



B5ECF2



747380



000000



808080



# Same Dimension

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



BCB5F2



BBB3FF



DAB5F2



6D6C78



1500B8



060038



# Inverse Universe

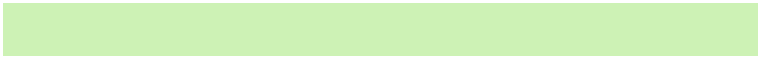
The Inverse Universe completely reimagines the original color for something new.



F2B5EB



FFB3F6



CDF2B5



786C76



B800A3

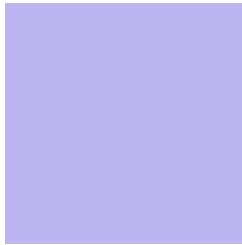


380032



# Previews

## White Background



This preview shows how the Hex color BCB5F2 looks on a white background.

## Color Contrast Check

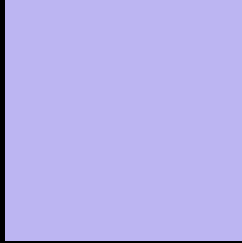
Large Text (above 18pt) WCAG AA × Fail

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 BCB5F2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

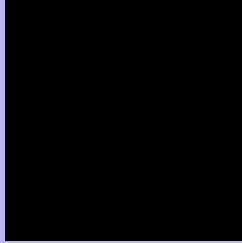
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BCB5F2 Background



This preview shows how black text looks on a background with the Hex color BCB5F2.



This preview shows how white text looks on a background with the Hex color BCB5F2.

# 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



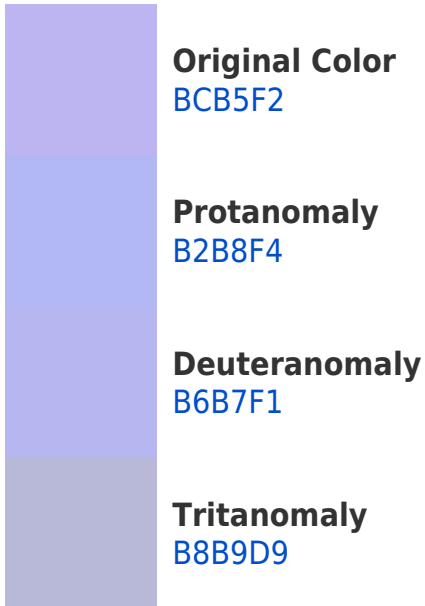
**Original Color**  
BCB5F2

**Protanopia**  
ACBAF5

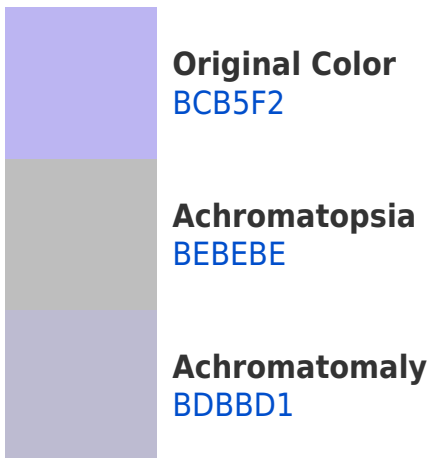
**Deuteranopia**  
B2B8F1



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCB5F2 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 #BCB5F2 looks like.

```
.text, #text, p{  
    color:#BCB5F2  
}
```

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 #BCB5F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCB5F2
}
```

## Border

The CSS property to change the border of an element to Hex BCB5F2 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
#BCB5F2 }
```

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

```
.border{ border-color:#BCB5F2 }
```

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

Here you see how a box with a 4 pixel #BCB5F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCB5F2; -webkit-box-shadow:4px 4px  
4px 4px #BCB5F2; box-shadow:4px 4px 4px  
4px #BCB5F2 }
```

# Background

The CSS property to change the background color of an element to Hex BCB5F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCB5F2 }
```

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

```
.background{ background-color:#BCB5F2 }
```

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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