

# Converting Colors

Hex(B3D9F6)

Have a look what the booklet for  
Hex(B3D9F6) contains.

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# **Color**

**Hex(B3D9F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3D9F6
RGB	179, 217, 246
RGB Percent	70%, 85%, 96%
CMY	0.2980, 0.1490, 0.0353
CMYK	0.27, 0.12, 0.00, 0.04
HSL	206°, 79%, 83%
HSV	206°, 27%, 96%
XYZ	60.0378, 65.8632, 96.7373
YIQ	208.9440, -31.9570, 0.9630

# Conversions

## Conversions Part 2

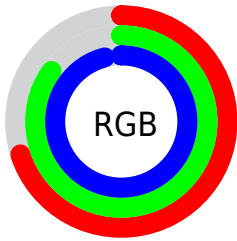
Format	Color
R <sub>Y</sub> B	179, 203, 246
Decimal	11786742
CIE Lab	84.93, -6.02, -18.26
CIE LCh	85, 19.224, 251.750
Yxy	65.8632, 0.2697, 0.2958
Android (android.graphics.Color)	4289976822 (0xFFB3D9F6)
YUV	208.9440, 18.2686, -26.2609
Hunter-Lab	81.1562, -9.9723, -13.8638

# Details

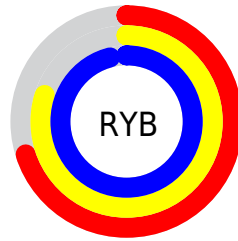
The Hex color **B3D9F6** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F6D0B3**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **ECFFFF**, and **7DA2BE** is the 20% darker color. If you saturate the color by 10%, you get **9ACEF6**, and if you desaturate by 10%, it is **CCE4F6**.

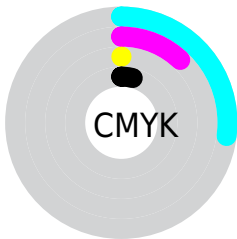
# Distribution



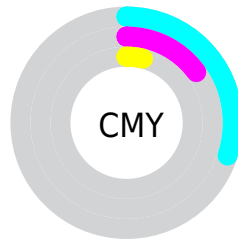
- Red (70%)
- Green (85%)
- Blue (96%)



- Red (70%)
- Yellow (80%)
- Blue (96%)



- Cyan (27%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)



- Cyan (30%)
- Magenta (15%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3D9F6 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 B3D9F6 by changing the saturation by 10% instead.



 B3D9F6

 B3D9F6

FFFFFF

 98BDD9

 ECFFFF

 7DA2BE

 6388A3

 496F88

 2F566F

 143F56

 00293F

 001529

 000114

 B3D9F6

 B3D9F6

 9ACEF6

 CCE4F6

 82C4F6

 E4EEF6

 69B9F6

 FDF9F6

 51AEF6

 FFFFF6

 38A4F6

 1F99F6

 078EF6

 008CF6

# Harmonies

## Analogous

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



A6DDEC



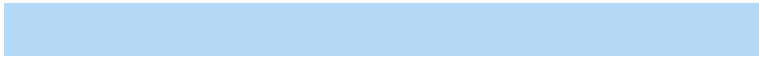
B3D9F6



C9D3F7

# Triad

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



B3D9F6



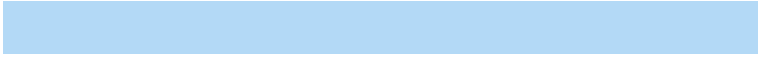
FAC8CD



C6DAB9

# Complementary

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



B3D9F6



F6D0B3

# 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.



DBD5B1



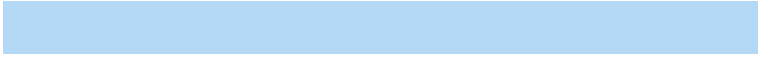
B3D9F6



F8CABD

# Square

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



B3D9F6



F2C9E0



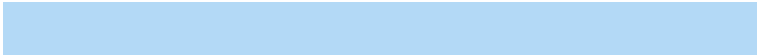
EDCFB2



B3DEC8

# Rectangle

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



B3D9F6



D9CFF3



EDCFB2



CDD9B5



# Sweetspot

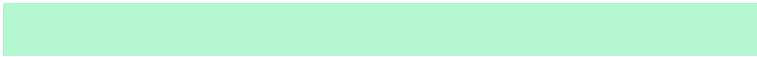
The Sweet Spot groups the original color and five complimentary colors.



B3D9F6



EBF6FF



B3F6CF



737A80



000000

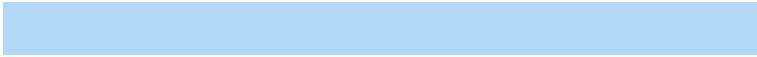


808080

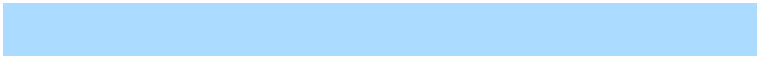


# Same Dimension

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



B3D9F6



ABDBFF



B3B9F6



6E757A



006ABA



00213B



# Inverse Universe

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



F6B3D9



FFABDB



F6F0B3



7A6E75



BA006A

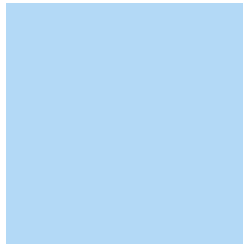


3B0021



# Previews

## White Background



This preview shows how the Hex color B3D9F6 looks on a white background.

## Color Contrast Check

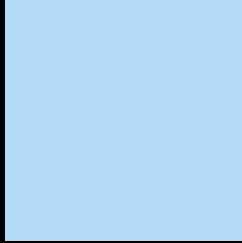
Large Text (above 18pt) WCAG AA × Fail

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 B3D9F6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

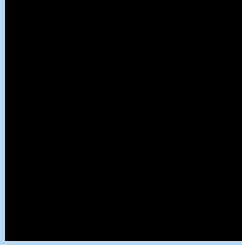
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

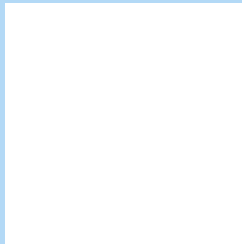
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B3D9F6 Background



This preview shows how black text looks on a background with the Hex color B3D9F6.

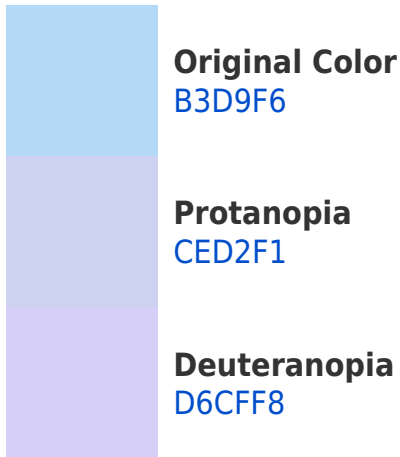


This preview shows how white text looks on a background with the Hex color B3D9F6.

# Color Blindness Simulation

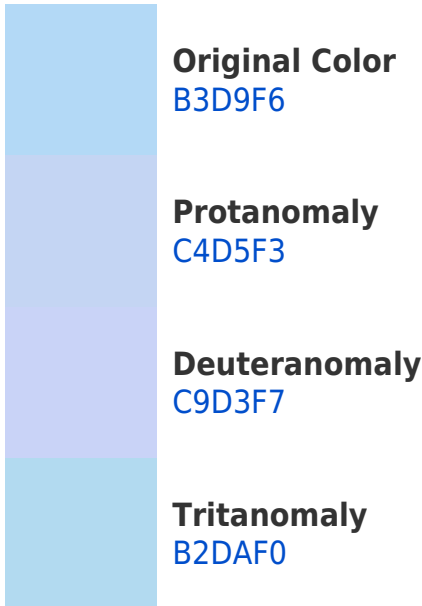
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

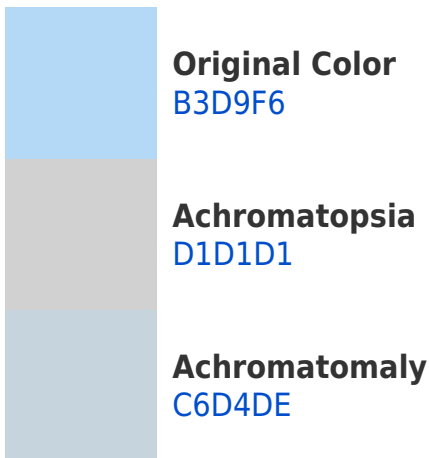




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3D9F6 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 #B3D9F6 looks like.

```
.text, #text, p{  
    color:#B3D9F6  
}
```

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 #B3D9F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3D9F6  
}
```

## Border

The CSS property to change the border of an element to Hex B3D9F6 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  
#B3D9F6 }
```

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

```
.border{ border-color:#B3D9F6 }
```

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

Here you see how a box with a 4 pixel #B3D9F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3D9F6; -webkit-box-shadow:4px 4px  
4px 4px #B3D9F6; box-shadow:4px 4px 4px  
4px #B3D9F6 }
```

# Background

The CSS property to change the background color of an element to Hex B3D9F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3D9F6 }
```

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

```
.background{ background-color:#B3D9F6 }
```

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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