

# Converting Colors

Hex(B5E9F4)

Have a look what the booklet for  
Hex(B5E9F4) contains.

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# **Color**

**Hex(B5E9F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5E9F4
RGB	181, 233, 244
RGB Percent	71%, 91%, 96%
CMY	0.2902, 0.0863, 0.0431
CMYK	0.26, 0.05, 0.00, 0.04
HSL	190°, 74%, 83%
HSV	190°, 26%, 96%
XYZ	64.5241, 74.6332, 96.5928
YIQ	218.7060, -34.5230, -7.6030

# Conversions

## Conversions Part 2

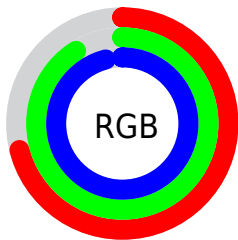
Format	Color
R <sub>Y</sub> B	181, 209, 244
Decimal	11921908
CIE Lab	89.22, -14.10, -10.76
CIE LCh	89, 17.735, 217.341
Yxy	74.6332, 0.2737, 0.3166
Android (android.graphics.Color)	4290111988 (0xFFB5E9F4)
YUV	218.7060, 12.4699, -33.0682
Hunter-Lab	86.3905, -17.8638, -5.8185

# Details

The Hex color **B5E9F4** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F4C0B5**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **EEFFFF**, and **7EB1BC** is the 20% darker color. If you saturate the color by 10%, you get **9DE5F4**, and if you desaturate by 10%, it is **CDEDF4**.

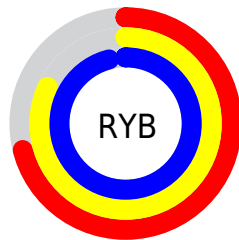
# Distribution



Red (71%)

Green (91%)

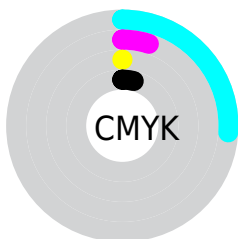
Blue (96%)



Red (71%)

Yellow (82%)

Blue (96%)

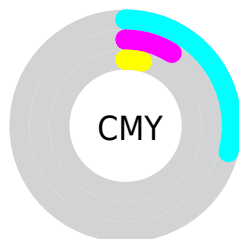


Cyan (26%)

Magenta (5%)

Yellow (0%)

Black (4%)



Cyan (29%)

Magenta (9%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5E9F4 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 B5E9F4 by changing the saturation by 10% instead.



 B5E9F4

 B5E9F4

FFFFFF

 99CDD8

 EEEFFF

 7EB1BC

 6497A1

 4A7D87

 30646D

 144C55

 00353E

 002028

 000114

 B5E9F4

 B5E9F4

 9DE5F4

 CDEDF4

 84E0F4

 E6F2F4

 6CDCF4

 FEF6F4

 53D8F4

 FFFAF4

 3BD4F4

 FFFE4F4

 23CFF4

 FFFFF4

 0ACBF4

 00C9F4

# Harmonies

## Analogous

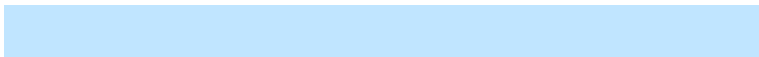
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B7EAE4



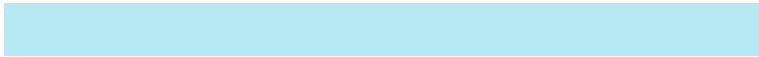
B5E9F4



C0E5FF

# Triad

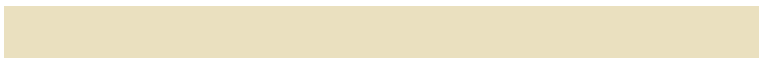
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B5E9F4



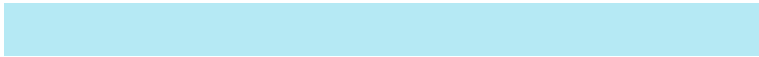
FAD6EE



EAE0BF

# Complementary

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



B5E9F4



F4C0B5

# 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.



FADBC1



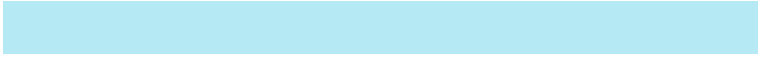
B5E9F4



FFD5DC

# Square

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



B5E9F4



E9DBFB



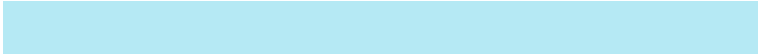
FFD6CC



D6E5C5

# Rectangle

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



B5E9F4



CCE2FF



FFD6CC



EFDEBF

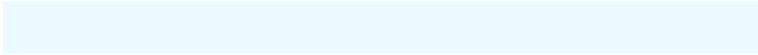


# Sweetspot

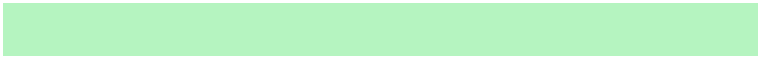
The Sweet Spot groups the original color and five complimentary colors.



B5E9F4



EBFBFF



B5F4C0



737D80



000000



808080

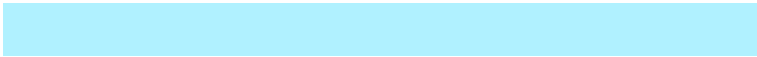


# Same Dimension

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



B5E9F4



B0F1FF



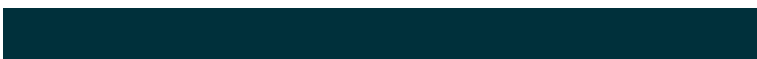
B5CAF4



6E787A



009ABA



00303B



# Inverse Universe

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



F4B5E9



FFB0F1



F4DFB5



7A6E78



BA009A

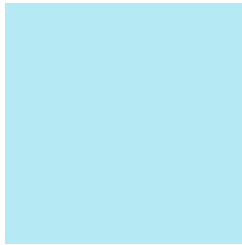


3B0030



# Previews

## White Background



This preview shows how the Hex color B5E9F4 looks on a white background.

## Color Contrast Check

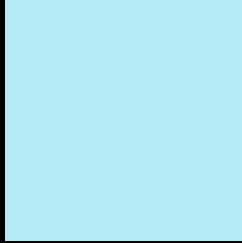
Large Text (above 18pt) WCAG AA × Fail

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 B5E9F4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

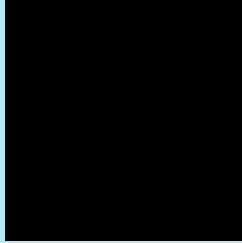
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B5E9F4 Background



This preview shows how black text looks on a background with the Hex color B5E9F4.

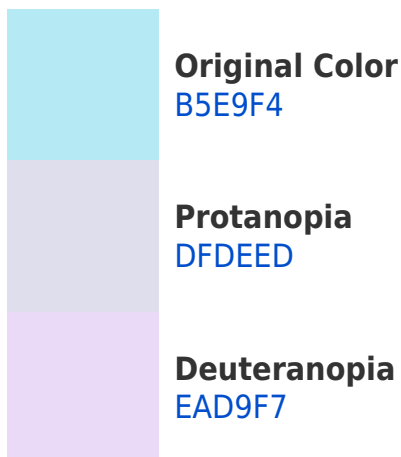


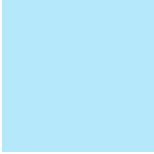
This preview shows how white text looks on a background with the Hex color B5E9F4.

# 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



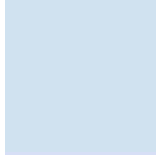


**Tritanopia**  
B6E8FB

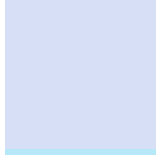
# Trichromacy



**Original Color**  
B5E9F4



**Protanomaly**  
D0E2F0



**Deuteranomaly**  
D7DFF6

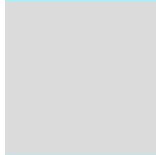


**Tritanomaly**  
B6E8F8

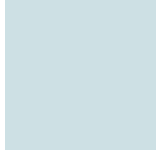
# Monochromacy



**Original Color**  
B5E9F4



**Achromatopsia**  
DBDBDB



**Achromatomaly**  
CDE0E4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5E9F4 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 #B5E9F4 looks like.

```
.text, #text, p{  
    color:#B5E9F4  
}
```

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 #B5E9F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5E9F4
}
```

## Border

The CSS property to change the border of an element to Hex B5E9F4 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
#B5E9F4 }
```

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

```
.border{ border-color:#B5E9F4 }
```

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

Here you see how a box with a 4 pixel #B5E9F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5E9F4; -webkit-box-shadow:4px 4px  
4px 4px #B5E9F4; box-shadow:4px 4px 4px  
4px #B5E9F4 }
```

# Background

The CSS property to change the background color of an element to Hex B5E9F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5E9F4 }
```

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

```
.background{ background-color:#B5E9F4 }
```

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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