

Converting Colors

Hex(B2EAF2)

Have a look what the booklet for
Hex(B2EAF2) contains.

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Color

Hex(B2EAF2)

Conversions

Conversions Part 1

Format	Color
Hex	B2EAF2
RGB	178, 234, 242
RGB Percent	70%, 92%, 95%
CMY	0.3020, 0.0824, 0.0510
CMYK	0.26, 0.03, 0.00, 0.05
HSL	188°, 71%, 82%
HSV	188°, 26%, 95%
XYZ	63.8099, 74.7214, 95.0639
YIQ	218.1680, -35.9440, -9.3840

Conversions

Conversions Part 2

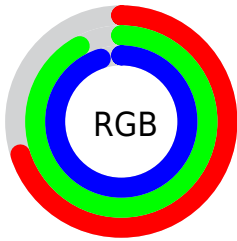
Format	Color
RYB	178, 208, 242
Decimal	11725554
CIELab	89.26, -15.91, -9.67
CIELCh	89, 18.613, 211.288
Yxy	74.7214, 0.2732, 0.3199
Android (android.graphics.Color)	4289915634 (0xFFB2EAF2)
YUV	218.1680, 11.7492, -35.2273
Hunter-Lab	86.4416, -19.5065, -4.6950

Details

The Hex color **B2EAF2** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F2BAB2**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **EBFFFF**, and **7BB2BA** is the 20% darker color. If you saturate the color by 10%, you get **9AE7F2**, and if you desaturate by 10%, it is **CAEDF2**.

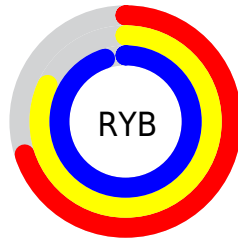
Distribution



Red (70%)

Green (92%)

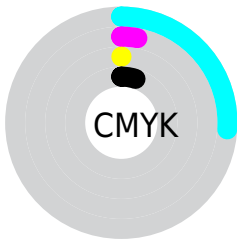
Blue (95%)



Red (70%)

Yellow (82%)

Blue (95%)

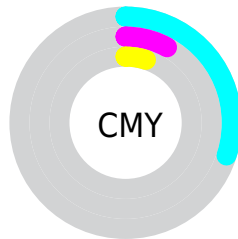


Cyan (26%)

Magenta (3%)

Yellow (0%)

Black (5%)



Cyan (30%)

Magenta (8%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2EAF2 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 B2EAF2 by changing the saturation by 10% instead.

 B2EAF2

 B2EAF2

FFFFFF

 96CED6

 EBFFFF

 7BB2BA

 61979F

 477D85

 2D646C

 0F4C53

 00353C

 002027

 000112

 B2EAF2

 B2EAF2

 9AE7F2

 CAEDF2

 82E4F2

 E2F0F2

 69E1F2

 FBF3F2

 51DEF2

 FFF6F2

 39DBF2

 FFF9F2

 21D8F2

 FFFCF2

 09D5F2

 FFFFF2

 00D4F2

Harmonies

Analogous

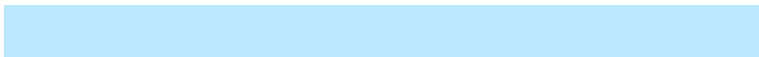
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B7EBE0



B2EAF2



BBE7FF

Triad

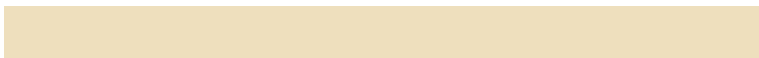
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B2EAF2



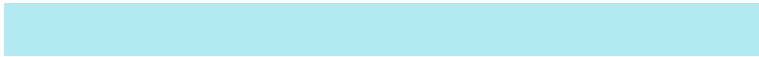
F8D6F2



EEDFBD

Complementary

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



B2EAF2



F2BAB2

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.



FDD9C2



B2EAF2



FFD4E0

Square

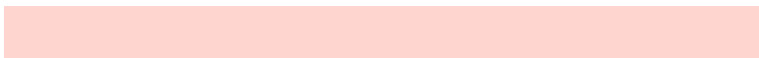
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B2EAF2



E5DBFF



FFD5CF



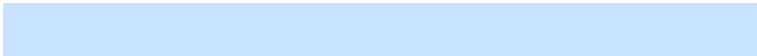
DAE5C2

Rectangle

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



B2EAF2



C7E3FF



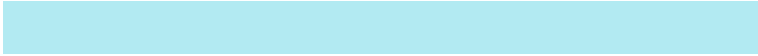
FFD5CF



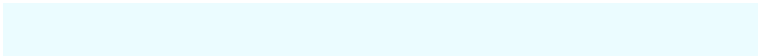
F4DDBE

Sweetspot

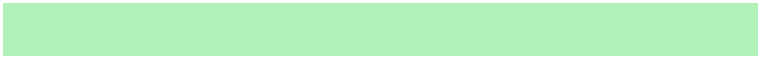
The Sweet Spot groups the original color and five complimentary colors.



B2EAF2



EBFCFF



B2F2B9



737E80



000000



808080

Same Dimension

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



B2EAF2



ADF5FF



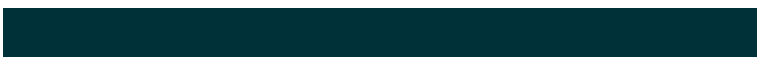
B2CBF2



6C7678



00A1B8



003138

Inverse Universe

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



F2B2EA



FFADF5



F2D9B2



786C76



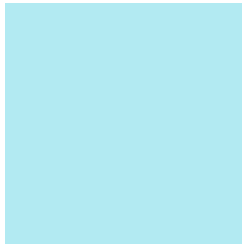
B800A1



380031

Previews

White Background



This preview shows how the Hex color B2EAF2 looks on a white background.

Color Contrast Check

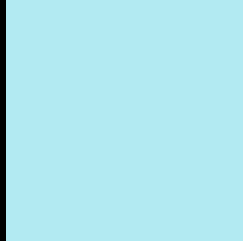
Large Text (above 18pt) WCAG AA × Fail

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 B2EAF2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

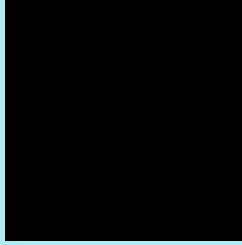
Any Text WCAG AA ✓ Pass

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 B2EAF2 Background



This preview shows how black text looks on a background with the Hex color B2EAF2.

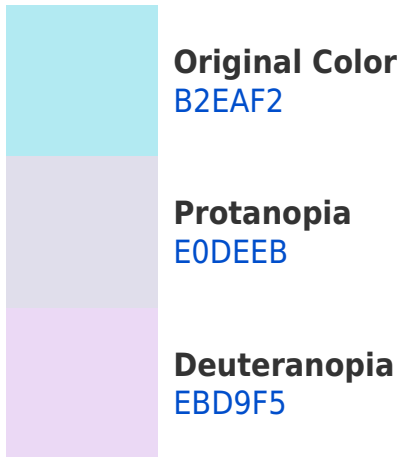


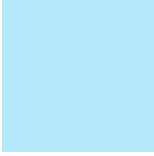
This preview shows how white text looks on a background with the Hex color B2EAF2.

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



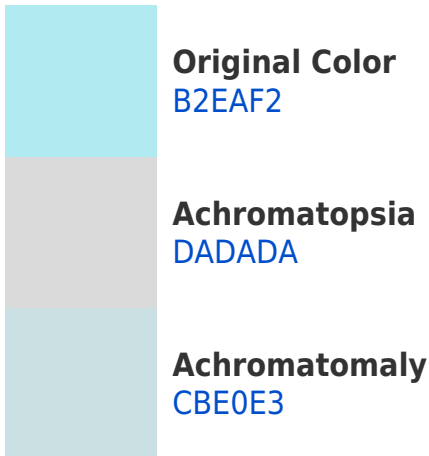


Tritanopia
B4E9FB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2EAF2 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 #B2EAF2 looks like.

```
.text, #text, p{  
    color:#B2EAF2  
}
```

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 #B2EAF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2EAF2
}
```

Border

The CSS property to change the border of an element to Hex B2EAF2 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
#B2EAF2 }
```

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

```
.border{ border-color:#B2EAF2 }
```

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

Here you see how a box with a 4 pixel #B2EAF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2EAF2; -webkit-box-shadow:4px 4px  
4px 4px #B2EAF2; box-shadow:4px 4px 4px  
4px #B2EAF2 }
```

Background

The CSS property to change the background color of an element to Hex B2EAF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2EAF2 }
```

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

```
.background{ background-color:#B2EAF2 }
```

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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