

# Converting Colors

Hex(18BAF0)

Have a look what the booklet for  
Hex(18BAF0) contains.

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# **Color**

**Hex(18BAF0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	18BAF0
RGB	24, 186, 240
RGB Percent	9%, 73%, 94%
CMY	0.9059, 0.2706, 0.0588
CMYK	0.90, 0.23, 0.00, 0.06
HSL	195°, 88%, 52%
HSV	195°, 90%, 94%
XYZ	33.6638, 41.6033, 88.6940
YIQ	143.7180, -113.8860, -17.5500

# Conversions

## Conversions Part 2

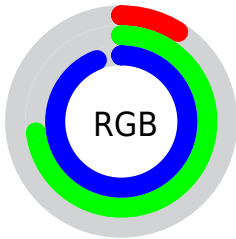
Format	Color
R <sub>Y</sub> B	24, 117, 240
Decimal	1620720
CIE Lab	70.60, -19.50, -37.48
CIE LCh	71, 42.249, 242.515
Yxy	41.6033, 0.2053, 0.2537
Android (android.graphics.Color)	4279810800 (0xFF18BAF0)
YUV	143.7180, 47.4670, -104.9927
Hunter-Lab	64.5006, -19.7144, -36.3786

# Details

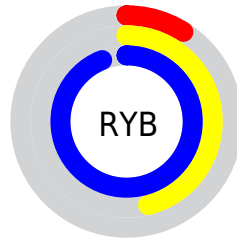
The Hex color **18BAF0** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **F04E18**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **73F2FF**, and **0085B8** is the 20% darker color. If you saturate the color by 10%, you get **00B4F0**, and if you desaturate by 10%, it is **30C0F0**.

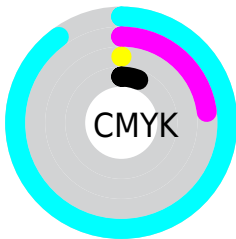
# Distribution



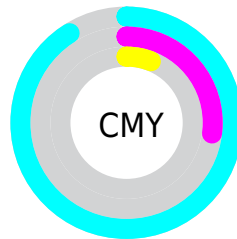
- Red (9%)
- Green (73%)
- Blue (94%)



- Red (9%)
- Yellow (46%)
- Blue (94%)



- Cyan (90%)
- Magenta (23%)
- Yellow (0%)
- Black (6%)



- Cyan (91%)
- Magenta (27%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 18BAF0 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 18BAF0 by changing the saturation by 10% instead.



18BAF0

18BAF0

FFFFFF

009FD4

73F2FF

0085B8

94FFFF

006B9D

B4FFFF

005382

D4FFFF

003C69

F3FFFF

002650

000939

000223

00000A

 18BAF0

 18BAF0

 00B4F0

 30C0F0

 48C6F0

 60CCF0

 78D2F0

 90D8F0

 A8DEF0

 C0E4F0

 D8EAF0

 F0F0F0

# Harmonies

## Analogous

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



00C0D5



18BAF0



77AFF9

# Triad

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



18BAF0



F58EAB



9AB76A

# Complementary

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



18BAF0



F04E18

# 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.



C2AB5F



18BAF0



F49285

# Square

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



18BAF0



DF94D1



E29E69



6ABE88

# Rectangle

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



18BAF0



A2A6F4



E29E69



A8B364

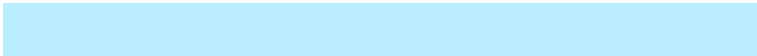


# Sweetspot

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



18BAF0



BAE EFF



18F04E



577580



000000



808080

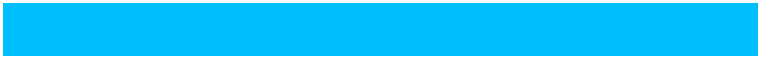


# Same Dimension

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



18BAF0



00BFFF



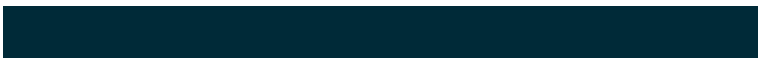
184EF0



6C7578



008AB8



002A38



# Inverse Universe

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



F018BA



FF00BF



F0BA18



786C75



B8008A

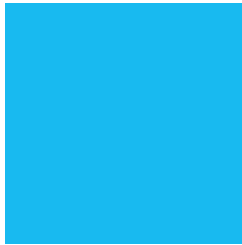


38002A



# Previews

## White Background



This preview shows how the Hex color 18BAF0 looks on a white background.

## Color Contrast Check

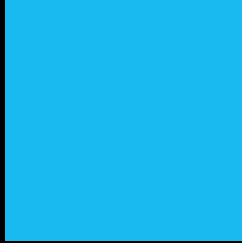
Large Text (above 18pt) WCAG AA × Fail

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 18BAF0 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 18BAF0 Background



This preview shows how black text looks on a background with the Hex color 18BAF0.

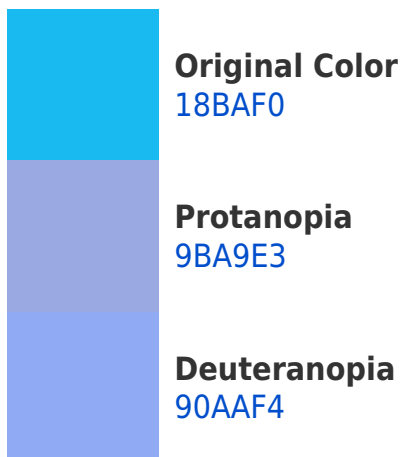


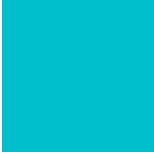
This preview shows how white text looks on a background with the Hex color 18BAF0.

# 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](#).

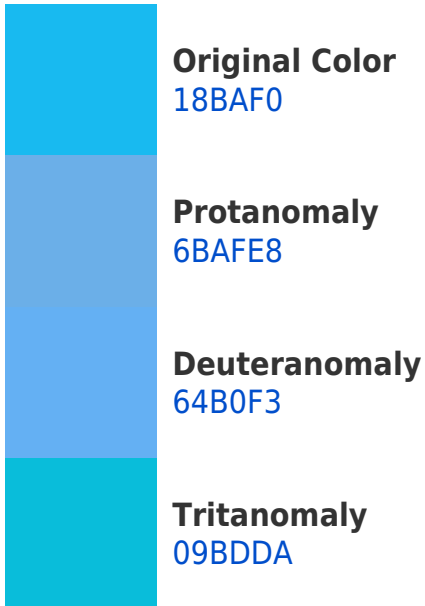
## Dichromacy



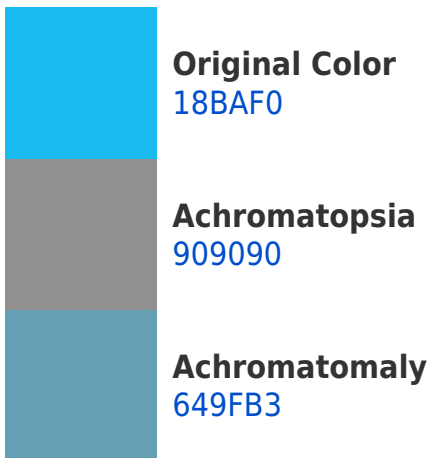


**Tritanopia**  
00BFCD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 18BAF0 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 #18BAF0 looks like.

```
.text, #text, p{  
    color:#18BAF0  
}
```

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 #18BAF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18BAF0
}
```

## Border

The CSS property to change the border of an element to Hex 18BAF0 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
#18BAF0 }
```

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

```
.border{ border-color:#18BAF0 }
```

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

Here you see how a box with a 4 pixel #18BAF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18BAF0; -webkit-box-shadow:4px 4px  
4px 4px #18BAF0; box-shadow:4px 4px 4px  
4px #18BAF0 }
```

# Background

The CSS property to change the background color of an element to Hex 18BAF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18BAF0 }
```

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

```
.background{ background-color:#18BAF0 }
```

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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