

# Converting Colors

Hex(1BEDF5)

Have a look what the booklet for  
Hex(1BEDF5) contains.

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# Color

Hex(1BEDF5)

# Conversions

## Conversions Part 1

Format	Color
Hex	1BEDF5
RGB	27, 237, 245
RGB Percent	11%, 93%, 96%
CMY	0.8941, 0.0706, 0.0392
CMYK	0.89, 0.03, 0.00, 0.04
HSL	182°, 92%, 53%
HSV	182°, 89%, 96%
XYZ	47.2176, 67.3940, 96.9059
YIQ	175.1220, -127.7280, -42.0320

# Conversions

## Conversions Part 2

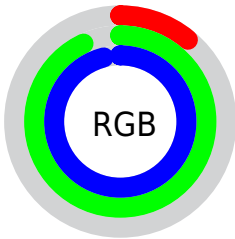
Format	Color
R <sub>Y</sub> B	27, 134, 245
Decimal	1830389
CIE Lab	85.70, -42.38, -17.03
CIE LCh	86, 45.670, 201.895
Yxy	67.3940, 0.2232, 0.3186
Android (android.graphics.Color)	4280020469 (0xFF1BEDF5)
YUV	175.1220, 34.4499, -129.9030
Hunter-Lab	82.0938, -40.9970, -12.5219

# Details

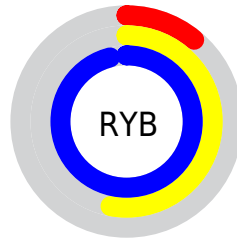
The Hex color **1BEDF5** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **F5231B**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **7AFFFF**, and **00B4BD** is the 20% darker color. If you saturate the color by 10%, you get **02ECF5**, and if you desaturate by 10%, it is **33EEF5**.

# Distribution



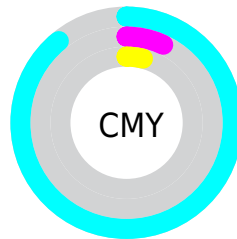
- Red (11%)
- Green (93%)
- Blue (96%)



- Red (11%)
- Yellow (53%)
- Blue (96%)



- Cyan (89%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (89%)
- Magenta (7%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1BEDF5 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 1BEDF5 by changing the saturation by 10% instead.



 1BEDF5

 1BEDF5

FFFFFF

 00D0D9

 7AFFFF

 00B4BD

 9DFFFF

 0099A2

 BDFFFF

 007F88

 DEFFFF


 00656E

FEFFFF

 004C56

 00343F

 001E29

 000114

 1BEDF5

 1BEDF5

 02ECF5

 33EEF5

 00ECF5

 4CEFF5

 64F0F5

 7DF1F5

 96F1F5

 AEF2F5

 C7F3F5

 DFF4F5

 F7F5F5

# Harmonies

## Analogous

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



67EDC9



1BEDF5



2BE8FF

# Triad

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



1BEDF5



FFC0FF



FDD080

# Complementary

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



1BEDF5



F5231B

# 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.



FFC194



1BEDF5



FFB6E4

# Square

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



1BEDF5



CACFFF



FFB6B8



D2DD84

# Rectangle

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



1BEDF5



66E2FF



FFB6B8



FFCB84



# Sweetspot

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



1BEDF5



BAFCFF



1BF522



577E80



000000



808080



# Same Dimension

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



1BEDF5



00F6FF



1B81F5



6E7A7A



00B3BA



00383B



# Inverse Universe

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



F51BED



FF00F6



F58F1B



7A6E7A



BA00B3

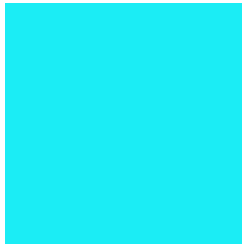


3B0038



# Previews

## White Background



This preview shows how the Hex color 1BEDF5 looks on a white background.

## Color Contrast Check

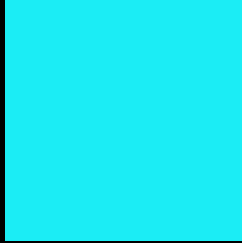
Large Text (above 18pt) WCAG AA × Fail

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 1BEDF5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

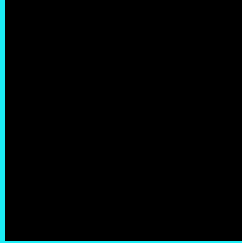
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 1BEDF5 Background



This preview shows how black text looks on a background with the Hex color 1BEDF5.

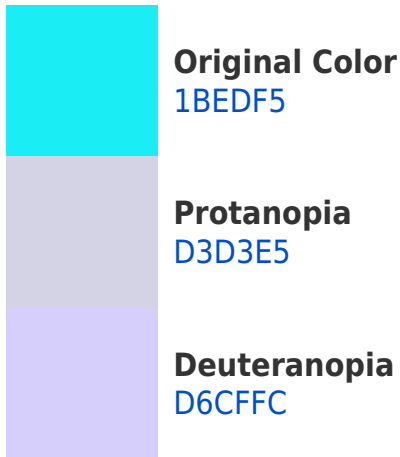


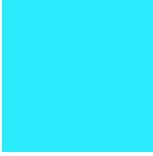
This preview shows how white text looks on a background with the Hex color 1BEDF5.

# 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



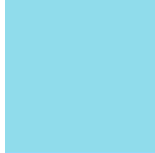


**Tritanopia**  
2AEBFF

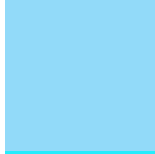
# Trichromacy



**Original Color**  
1BEDF5



**Protanomaly**  
90DCEB



**Deuteranomaly**  
92DAF9

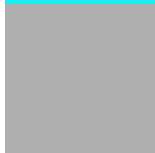


**Tritanomaly**  
25ECFB

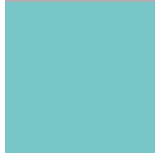
# Monochromacy



**Original Color**  
1BEDF5



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
79C6C8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1BEDF5 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 #1BEDF5 looks like.

```
.text, #text, p{  
    color:#1BEDF5  
}
```

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 #1BEDF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BEDF5
}
```

## Border

The CSS property to change the border of an element to Hex 1BEDF5 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
#1BEDF5 }
```

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

```
.border{ border-color:#1BEDF5 }
```

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

Here you see how a box with a 4 pixel #1BEDF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BEDF5; -webkit-box-shadow:4px 4px  
4px 4px #1BEDF5; box-shadow:4px 4px 4px  
4px #1BEDF5 }
```

# Background

The CSS property to change the background color of an element to Hex 1BEDF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BEDF5 }
```

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

```
.background{ background-color:#1BEDF5 }
```

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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