

Converting Colors

Hex(18BEC6)

Have a look what the booklet for
Hex(18BEC6) contains.

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Color

Hex(18BEC6)

Conversions

Conversions Part 1

Format	Color
Hex	18BEC6
RGB	24, 190, 198
RGB Percent	9%, 75%, 78%
CMY	0.9059, 0.2549, 0.2235
CMYK	0.88, 0.04, 0.00, 0.22
HSL	183°, 78%, 44%
HSV	183°, 88%, 78%
XYZ	28.9832, 41.0983, 59.8313
YIQ	141.2780, -101.5040, -32.7040

Conversions

Conversions Part 2

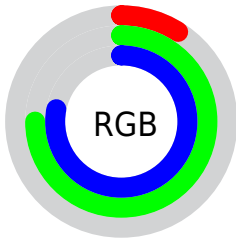
Format	Color
R _Y B	24, 109, 198
Decimal	1621702
CIE Lab	70.24, -35.20, -15.12
CIE LCh	70, 38.311, 203.240
Yxy	41.0983, 0.2231, 0.3164
Android (android.graphics.Color)	4279811782 (0xFF18BEC6)
YUV	141.2780, 27.9639, -102.8528
Hunter-Lab	64.1080, -31.4892, -10.4591

Details

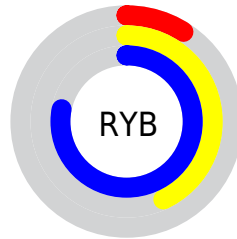
The Hex color **18BEC6** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **C62018**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **6DF7FF**, and **008890** is the 20% darker color. If you saturate the color by 10%, you get **04BDC6**, and if you desaturate by 10%, it is **2CBFC6**.

Distribution



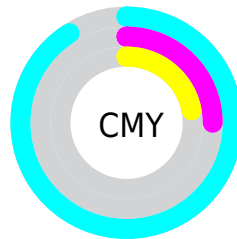
- Red (9%)
- Green (75%)
- Blue (78%)



- Red (9%)
- Yellow (43%)
- Blue (78%)



- Cyan (88%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (91%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18BEC6 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 18BEC6 by changing the saturation by 10% instead.

 18BEC6

 18BEC6

FFFFFF

 00A3AB

 6DF7FF

 008890

 8DFFFF

 006E77

 ACFFFF

 00555E

 CBFFFF

 003D46

 EAFFFF

 002830

 00031C

 000000

 18BEC6

 18BEC6

■ 04BDC6

■ 2CBFC6

■ 00BDC6

■ 40C0C6

■ 53C1C6

■ 67C2C6

■ 7BC3C6

■ 8FC3C6

■ A3C4C6

■ B6C5C6

■ CAC6C6

Harmonies

Analogous

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



50BEA2



18BEC6



29BAE3

Triad

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



18BEC6



D099D6



CAA766

Complementary

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



18BEC6



C62018

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.



E39B75



18BEC6



EA91B5

Square

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



18BEC6



A4A6EC



EF9292



A7B26B

Rectangle

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



18BEC6



56B5EE



EF9292



D4A369

Sweetspot

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



18BEC6



BDFCFF



18C61E



587E80



000000



808080

Same Dimension

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



18BEC6



00F3FF



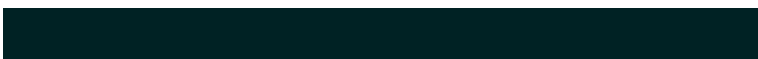
1869C6



5A6363



009CA3



002224

Inverse Universe

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



C618BE



FF00F3



C67518



635A63



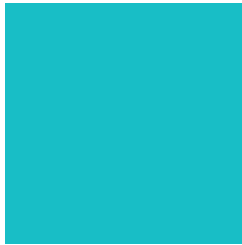
A3009C



240022

Previews

White Background



This preview shows how the Hex color 18BEC6 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 18BEC6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

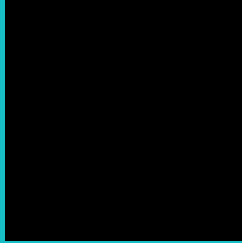
Any Text WCAG AA ✓ Pass

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 18BEC6 Background



This preview shows how black text looks on a background with the Hex color 18BEC6.

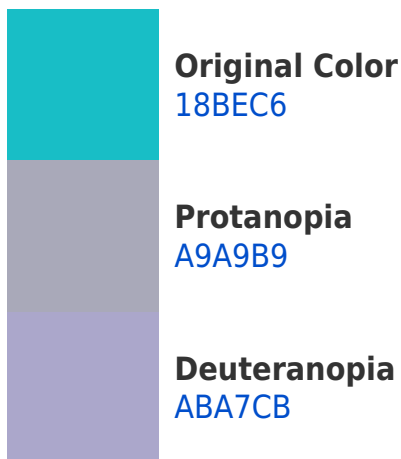


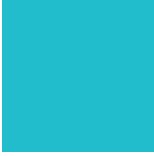
This preview shows how white text looks on a background with the Hex color 18BEC6.

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



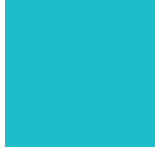
Original Color
18BEC6



Protanomaly
74B1BE



Deuteranomaly
76AFC9



Tritanomaly
1EBDCA

Monochromacy



Original Color
18BEC6



Achromatopsia
8D8D8D



Achromatomaly
629FA2

CSS Examples

Text

The CSS property to change the color of the text to Hex 18BEC6 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 #18BEC6 looks like.

```
.text, #text, p{  
    color:#18BEC6  
}
```

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 #18BEC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18BEC6
}
```

Border

The CSS property to change the border of an element to Hex 18BEC6 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
#18BEC6 }
```

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

```
.border{ border-color:#18BEC6 }
```

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

Here you see how a box with a 4 pixel #18BEC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18BEC6; -webkit-box-shadow:4px 4px  
4px 4px #18BEC6; box-shadow:4px 4px 4px  
4px #18BEC6 }
```

Background

The CSS property to change the background color of an element to Hex 18BEC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18BEC6 }
```

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

```
.background{ background-color:#18BEC6 }
```

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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