

Converting Colors

Hex(16CEB5)

Have a look what the booklet for
Hex(16CEB5) contains.

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Color

Hex(16CEB5)

Conversions

Conversions Part 1

Format	Color
Hex	16CEB5
RGB	22, 206, 181
RGB Percent	9%, 81%, 71%
CMY	0.9137, 0.1922, 0.2902
CMYK	0.89, 0.00, 0.12, 0.19
HSL	172°, 81%, 45%
HSV	172°, 89%, 81%
XYZ	30.7427, 47.6494, 51.2930
YIQ	148.1340, -101.6390, -46.7830

Conversions

Conversions Part 2

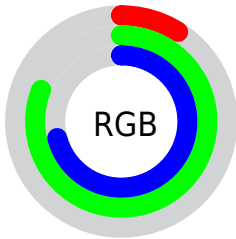
Format	Color
RYB	22, 121, 206
Decimal	1494709
CIELab	74.60, -47.31, 0.59
CIELCh	75, 47.316, 179.281
Yxy	47.6494, 0.2371, 0.3674
Android (android.graphics.Color)	4279684789 (0xFF16CEB5)
YUV	148.1340, 16.2029, -110.6195
Hunter-Lab	69.0285, -41.3028, 4.2634

Details

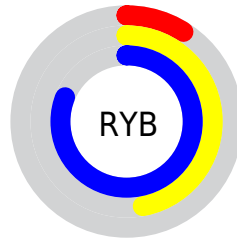
The Hex color **16CEB5** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **CE162F**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **6DFFED**, and **009780** is the 20% darker color. If you saturate the color by 10%, you get **01CEB2**, and if you desaturate by 10%, it is **2BCEB8**.

Distribution



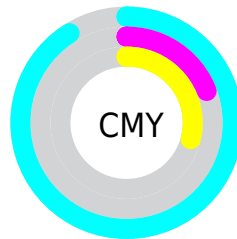
- Red (9%)
- Green (81%)
- Blue (71%)



- Red (9%)
- Yellow (47%)
- Blue (81%)



- Cyan (89%)
- Magenta (0%)
- Yellow (12%)
- Black (19%)



- Cyan (91%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16CEB5 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 16CEB5 by changing the saturation by 10% instead.

 16CEB5

 16CEB5

FFFFFF

 00B29A

 6DFFED

 009780

 8DFFFF

 007C67

 ADFFFF

 00624F

 CCFFFF

 004939

 EBFFFF

 003223

 00190E

 000000

 16CEB5

 16CEB5

 01CEB2

 2BCEB8

 00CEB2

 3FCEBB

 54CEBD

 68CEC0

 7DCEC3

 92CEC6

 A6CEC9

 BBCECB

 CFCECE

Harmonies

Analogous

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



71CA89



16CEB5



00CDE1

Triad

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



16CEB5



BAADFF



F6A56E

Complementary

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



16CEB5



CE162F

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.



FF988F



16CEB5



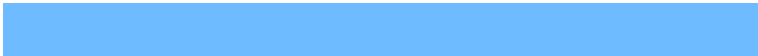
ED9DE5

Square

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



16CEB5



6EBCFF



FF94BA



D3B55F

Rectangle

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



16CEB5



00CAF8



FF94BA



FEA077

Sweetspot

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



16CEB5



BAFFF6



32CE16



57807A



000000



808080

Same Dimension

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



16CEB5



00FFDC



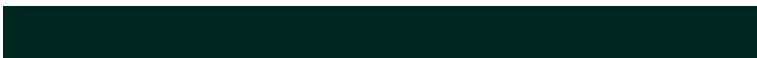
168ECE



5C6665



00A68F



002621

Inverse Universe

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



CE162F



FF0023



CE5616



665C5D



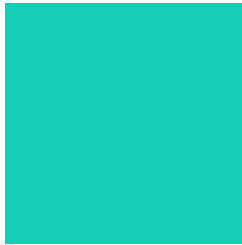
A60017



260005

Previews

White Background



This preview shows how the Hex color 16CEB5 looks on a white background.

Color Contrast Check

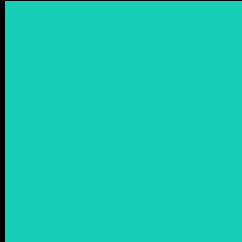
Large Text (above 18pt) WCAG AA × Fail

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 16CEB5 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

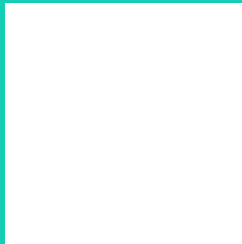
Any Text WCAG AAA ✓ Pass

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

Hex 16CEB5 Background



This preview shows how black text looks on a background with the Hex color 16CEB5.



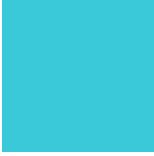
This preview shows how white text looks on a background with the Hex color 16CEB5.

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
3AC9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 16CEB5 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 #16CEB5 looks like.

```
.text, #text, p{  
    color:#16CEB5  
}
```

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 #16CEB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16CEB5
}
```

Border

The CSS property to change the border of an element to Hex 16CEB5 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
#16CEB5 }
```

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

```
.border{ border-color:#16CEB5 }
```

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

Here you see how a box with a 4 pixel #16CEB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16CEB5; -webkit-box-shadow:4px 4px  
4px 4px #16CEB5; box-shadow:4px 4px 4px  
4px #16CEB5 }
```

Background

The CSS property to change the background color of an element to Hex 16CEB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16CEB5 }
```

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

```
.background{ background-color:#16CEB5 }
```

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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