

# Converting Colors

Hex(13BCA5)

Have a look what the booklet for  
Hex(13BCA5) contains.

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# Color

Hex(13BCA5)

# Conversions

## Conversions Part 1

Format	Color
Hex	13BCA5
RGB	19, 188, 165
RGB Percent	7%, 74%, 65%
CMY	0.9255, 0.2627, 0.3529
CMYK	0.90, 0.00, 0.12, 0.26
HSL	172°, 82%, 41%
HSV	172°, 90%, 74%
XYZ	25.0433, 38.8215, 41.7707
YIQ	134.8470, -93.3410, -42.9810

# Conversions

## Conversions Part 2

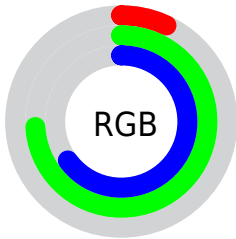
Format	Color
<a href="#">RYB</a>	<a href="#">19, 110, 188</a>
Decimal	<a href="#">1293477</a>
CIELab	<a href="#">68.62, -44.20, 0.58</a>
CIELCh	<a href="#">69, 44.209, 179.252</a>
Yxy	<a href="#">38.8215, 0.2371, 0.3675</a>
Android (android.graphics.Color)	<a href="#">4279483557</a> ( <a href="#">0xFF13BCA5</a> )
YUV	<a href="#">134.8470, 14.8654, -101.5978</a>
Hunter-Lab	<a href="#">62.3069, -37.2917, 3.8667</a>

# Details

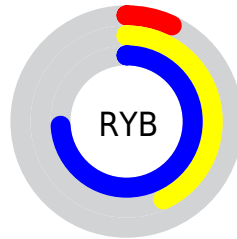
The Hex color **13BCA5** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **BC132A**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **67F5DC**, and **008671** is the 20% darker color. If you saturate the color by 10%, you get **00BCA2**, and if you desaturate by 10%, it is **26BCA8**.

# Distribution



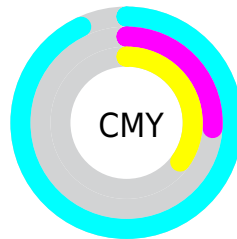
- Red (7%)
- Green (74%)
- Blue (65%)



- Red (7%)
- Yellow (43%)
- Blue (74%)



- Cyan (90%)
- Magenta (0%)
- Yellow (12%)
- Black (26%)



- Cyan (93%)
- Magenta (26%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 13BCA5 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 13BCA5 by changing the saturation by 10% instead.



 13BCA5

 13BCA5

FFFFFF

 00A08B

 67F5DC

 008671

 87FFF8

 006C59

 A5FFFF

 005242

 C4FFFF

 003A2C

 E2FFFF

 002517

 000000

 13BCA5

 13BCA5

 00BCA2

 26BCA8

 39BCAA

 4BBCAD

 5EBCAF

 71BCB2

 84BCB4

 97BCB7

 A9BCB9

 BCBCBC

# Harmonies

## Analogous

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



67B87D



13BCA5



00BBCD

# Triad

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



13BCA5



A99DED



E19664

# Complementary

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



13BCA5



BC132A

# 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.



F28A82



13BCA5



D88FD1

# Square

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



13BCA5



64ACF7



F087AA



C1A556

# Rectangle

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



13BCA5



00B8E3



F087AA



E8926C



# Sweetspot

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



13BCA5



B3F5EC



2CBC13



537A75



FAFAFA



7A7A7A



# Same Dimension

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



13BCA5



00F5D3



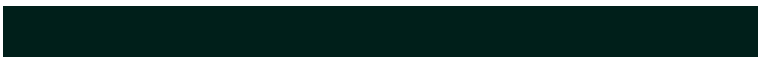
1381BC



555E5D



009E89



001F1A



# Inverse Universe

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



BC132A



F50021



BC4E13



5E5556



9E0016

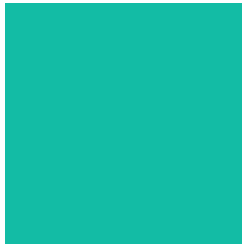


1F0004



# Previews

## White Background



This preview shows how the Hex color 13BCA5 looks on a white background.

## Color Contrast Check

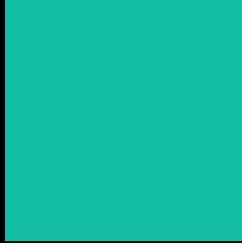
Large Text (above 18pt) WCAG AA × Fail

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 13BCA5 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 13BCA5 Background



This preview shows how black text looks on a background with the Hex color 13BCA5.

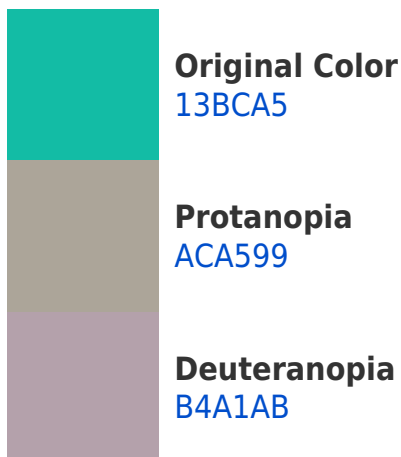


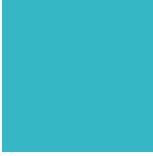
This preview shows how white text looks on a background with the Hex color 13BCA5.

# 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**  
35B7C6

# Trichromacy



**Original Color**  
13BCA5



**Protanomaly**  
74AD9D



**Deuteranomaly**  
79ABA9



**Tritanomaly**  
29B9BA

# Monochromacy



**Original Color**  
13BCA5



**Achromatopsia**  
878787



**Achromatomaly**  
5D9A92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 13BCA5 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 #13BCA5 looks like.

```
.text, #text, p{  
    color:#13BCA5  
}
```

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 #13BCA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13BCA5
}
```

## Border

The CSS property to change the border of an element to Hex 13BCA5 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
#13BCA5 }
```

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

```
.border{ border-color:#13BCA5 }
```

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

Here you see how a box with a 4 pixel #13BCA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13BCA5; -webkit-box-shadow:4px 4px  
4px 4px #13BCA5; box-shadow:4px 4px 4px  
4px #13BCA5 }
```

# Background

The CSS property to change the background color of an element to Hex 13BCA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13BCA5 }
```

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

```
.background{ background-color:#13BCA5 }
```

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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