

Converting Colors

Hex(13BB93)

Have a look what the booklet for
Hex(13BB93) contains.

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Color

Hex(13BB93)

Conversions

Conversions Part 1

Format	Color
Hex	13BB93
RGB	19, 187, 147
RGB Percent	7%, 73%, 58%
CMY	0.9255, 0.2667, 0.4235
CMYK	0.90, 0.00, 0.21, 0.27
HSL	166°, 82%, 40%
HSV	166°, 90%, 73%
XYZ	23.3053, 37.7857, 33.6688
YIQ	132.2080, -87.2880, -48.0560

Conversions

Conversions Part 2

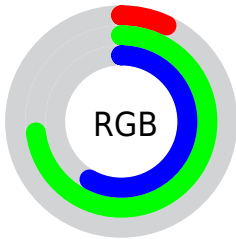
Format	Color
RYB	19, 114, 187
Decimal	1293203
CIELab	67.86, -48.53, 9.35
CIElCh	68, 49.417, 169.098
Yxy	37.7857, 0.2459, 0.3988
Android (android.graphics.Color)	4279483283 (0xFF13BB93)
YUV	132.2080, 7.2925, -99.2834
Hunter-Lab	61.4701, -39.8973, 10.5543

Details

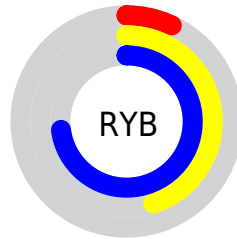
The Hex color **13BB93** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BB133B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **66F4C9**, and **008560** is the 20% darker color. If you saturate the color by 10%, you get **00BB8F**, and if you desaturate by 10%, it is **26BB97**.

Distribution



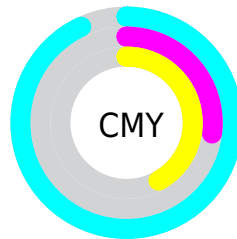
- Red (7%)
- Green (73%)
- Blue (58%)



- Red (7%)
- Yellow (45%)
- Blue (73%)



- Cyan (90%)
- Magenta (0%)
- Yellow (21%)
- Black (27%)



- Cyan (93%)
- Magenta (27%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13BB93 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 13BB93 by changing the saturation by 10% instead.

 13BB93

 13BB93

FFFFFF

 009F79

 66F4C9

 008560

 85FFE5

 006A49

 A3FFFF

 005132

 C2FFFF

 00391D

 E0FFFF

 002304

 000000

 13BB93

 13BB93

 00BB8F

 26BB97

00BB8E

38BB9C

4BBBA0

5EBBA5

70BBA9

83BBAE

96BBB2

A9BBB7

BBBBBB

Harmonies

Analogous

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



70B669



13BB93



00BCC1

Triad

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



13BB93



8EA0FA



EC8D64

Complementary

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



13BB93



BB133B

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.



F9818B



13BB93



CC8FE0

Square

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



13BB93



13AFFC



F082B8



CE9D4C

Rectangle

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



13BB93



00BADC



F082B8



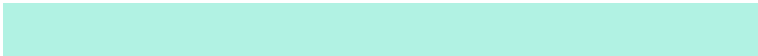
F3886F

Sweetspot

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



13BB93



B1F2E3



3DBB13



537A71



FAFAFA



7A7A7A

Same Dimension

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



13BB93



00F2B9



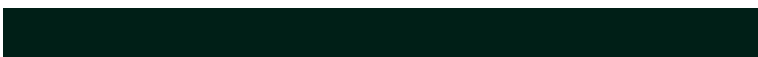
1391BB



555E5C



009E78



001F17

Inverse Universe

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



BB133B



F2003A



BB3D13



5E5557



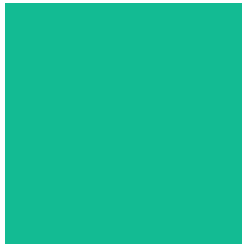
9E0026



1F0007

Previews

White Background



This preview shows how the Hex color 13BB93 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 13BB93 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 13BB93 Background



This preview shows how black text looks on a background with the Hex color 13BB93.

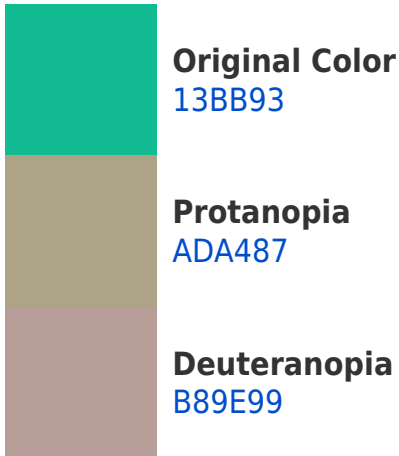


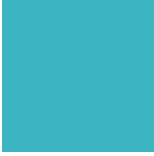
This preview shows how white text looks on a background with the Hex color 13BB93.

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



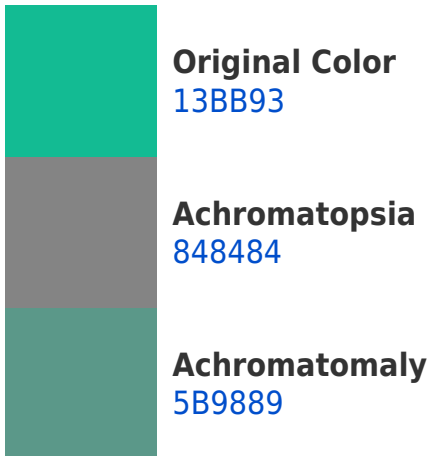


Tritanopia
3CB5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 13BB93 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 #13BB93 looks like.

```
.text, #text, p{  
    color:#13BB93  
}
```

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 #13BB93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13BB93
}
```

Border

The CSS property to change the border of an element to Hex 13BB93 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
#13BB93 }
```

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

```
.border{ border-color:#13BB93 }
```

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

Here you see how a box with a 4 pixel #13BB93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13BB93; -webkit-box-shadow:4px 4px  
4px 4px #13BB93; box-shadow:4px 4px 4px  
4px #13BB93 }
```

Background

The CSS property to change the background color of an element to Hex 13BB93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13BB93 }
```

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

```
.background{ background-color:#13BB93 }
```

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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