

Converting Colors

Hex(1FB095)

Have a look what the booklet for
Hex(1FB095) contains.

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Color

Hex(1FB095)

Conversions

Conversions Part 1

Format	Color
Hex	1FB095
RGB	31, 176, 149
RGB Percent	12%, 69%, 58%
CMY	0.8784, 0.3098, 0.4157
CMYK	0.82, 0.00, 0.15, 0.31
HSL	169°, 70%, 41%
HSV	169°, 82%, 69%
XYZ	21.5152, 33.5119, 33.7682
YIQ	129.5670, -77.7530, -39.1370

Conversions

Conversions Part 2

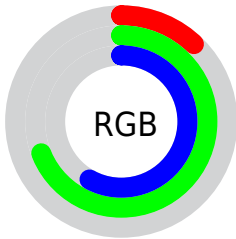
Format	Color
RYB	31, 111, 176
Decimal	2076821
CIELab	64.57, -42.58, 3.54
CIELCh	65, 42.722, 175.244
Yxy	33.5119, 0.2423, 0.3774
Android (android.graphics.Color)	4280266901 (0xFF1FB095)
YUV	129.5670, 9.5805, -86.4433
Hunter-Lab	57.8895, -34.9652, 5.9374

Details

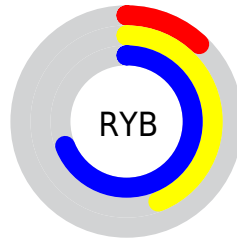
The Hex color **1FB095** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B01F3A**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **68E8CB**, and **007A62** is the 20% darker color. If you saturate the color by 10%, you get **0DB092**, and if you desaturate by 10%, it is **31B098**.

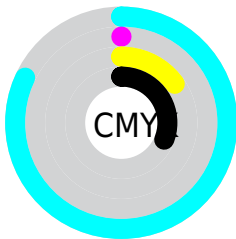
Distribution



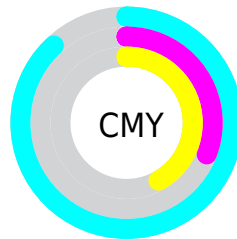
- Red (12%)
- Green (69%)
- Blue (58%)



- Red (12%)
- Yellow (44%)
- Blue (69%)



- Cyan (82%)
- Magenta (0%)
- Yellow (15%)
- Black (31%)



- Cyan (88%)
- Magenta (31%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FB095 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 1FB095 by changing the saturation by 10% instead.

 1FB095

 1FB095

FFFFFF

 00957B

 68E8CB

 007A62

 86FFE7

 00614B

 A4FFFF

 004834

 C2FFFF

 00311F

 E0FFFF

 001907

FEFFFF

 000000

 1FB095

 1FB095

 0DB092

 31B098

00B08F

42B09C

54B09F

65B0A2

77B0A5

89B0A9

9AB0AC

ACB0AF

BDB0B2

Harmonies

Analogous

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



66AC70



1FB095



00B0BC

Triad

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



1FB095



9795E2



D68B5F

Complementary

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



1FB095



B01F3A

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.



E5807E



1FB095



C687C9

Square

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



1FB095



50A2E8



E07EA4



BA984F

Rectangle

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



1FB095



00AED2



E07EA4



DD8668

Sweetspot

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



1FB095



ACE6DB



3CB01F



50736C



F2F2F2



737373

Same Dimension

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



1FB095



02E6BB



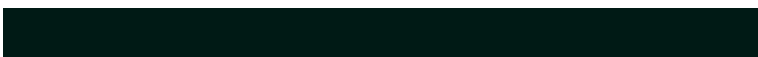
1F84B0



505958



00997D



001A15

Inverse Universe

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



B01F3A



E6022D



B04B1F



595052



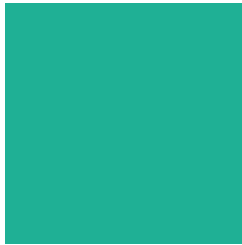
99001C



1A0005

Previews

White Background



This preview shows how the Hex color 1FB095 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

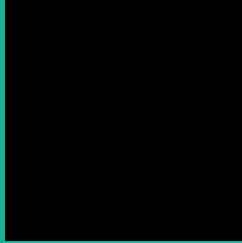
Any Text WCAG AA ✓ Pass

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 1FB095 Background



This preview shows how black text looks on a background with the Hex color 1FB095.

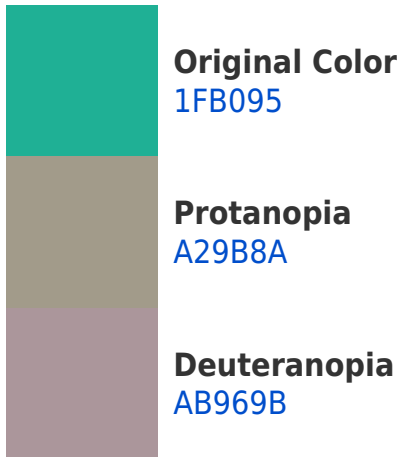


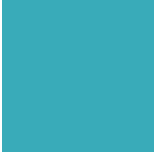
This preview shows how white text looks on a background with the Hex color 1FB095.

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
39ABB9

Trichromacy



Original Color
1FB095



Protanomaly
72A38E



Deuteranomaly
789F99



Tritanomaly
30ADAC

Monochromacy



Original Color
1FB095



Achromatopsia
828282



Achromatomaly
5E9389

CSS Examples

Text

The CSS property to change the color of the text to Hex 1FB095 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 #1FB095 looks like.

```
.text, #text, p{  
    color:#1FB095  
}
```

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 #1FB095 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FB095
}
```

Border

The CSS property to change the border of an element to Hex 1FB095 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
#1FB095 }
```

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

```
.border{ border-color:#1FB095 }
```

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

Here you see how a box with a 4 pixel #1FB095 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FB095; -webkit-box-shadow:4px 4px  
4px 4px #1FB095; box-shadow:4px 4px 4px  
4px #1FB095 }
```

Background

The CSS property to change the background color of an element to Hex 1FB095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FB095 }
```

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

```
.background{ background-color:#1FB095 }
```

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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