

Converting Colors

Hex(1F9DBF)

Have a look what the booklet for
Hex(1F9DBF) contains.

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Color

Hex(1F9DBF)

Conversions

Conversions Part 1

Format	Color
Hex	1F9DBF
RGB	31, 157, 191
RGB Percent	12%, 62%, 75%
CMY	0.8784, 0.3843, 0.2510
CMYK	0.84, 0.18, 0.00, 0.25
HSL	193°, 72%, 44%
HSV	193°, 84%, 75%
XYZ	22.0260, 28.1668, 53.5661
YIQ	123.2020, -86.0100, -16.1380

Conversions

Conversions Part 2

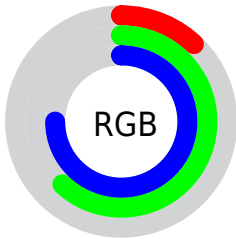
Format	Color
RYB	31, 101, 191
Decimal	2071999
CIELab	60.04, -20.64, -26.78
CIELCh	60, 33.812, 232.382
Yxy	28.1668, 0.2123, 0.2715
Android (android.graphics.Color)	4280262079 (0xFF1F9DBF)
YUV	123.2020, 33.4244, -80.8612
Hunter-Lab	53.0724, -18.7961, -22.6908

Details

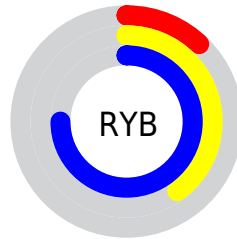
The Hex color **1F9DBF** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BF411F**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **6AD4F7**, and **006989** is the 20% darker color. If you saturate the color by 10%, you get **0C99BF**, and if you desaturate by 10%, it is **32A1BF**.

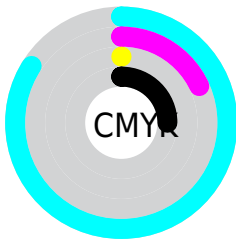
Distribution



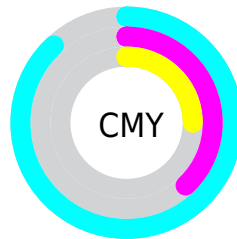
- Red (12%)
- Green (62%)
- Blue (75%)



- Red (12%)
- Yellow (40%)
- Blue (75%)



- Cyan (84%)
- Magenta (18%)
- Yellow (0%)
- Black (25%)



- Cyan (88%)
- Magenta (38%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F9DBF 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 1F9DBF by changing the saturation by 10% instead.

 1F9DBF

 1F9DBF

FFFFFF

 0083A4

 6AD4F7

 006989

 89F0FF

 005170

 A7FFFF

 003A57

 C5FFFF

 002440

 E3FFFF

 00032A

 000114

 000000

 1F9DBF

 1F9DBF

0C99BF

32A1BF

0096BF

45A5BF

58A9BF

6BADBF

7FB1BF

92B5BF

A5B9BF

B8DBBF

CBC2BF

Harmonies

Analogous

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



13A0A6



1F9DBF



5896CB

Triad

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



1F9DBF



C57A9A



8E9659

Complementary

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



1F9DBF



BF411F

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.



AB8C55



1F9DBF



CB7B7C

Square

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



1F9DBF



AF81B5



C18263



6B9D6B

Rectangle

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



1F9DBF



7A8FCB



C18263



989356

Sweetspot

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



1F9DBF



BAEAF7



1FBF3F



57757D



FCFCFC



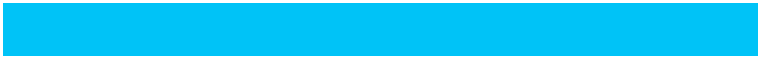
7D7D7D

Same Dimension

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



1F9DBF



00C3F7



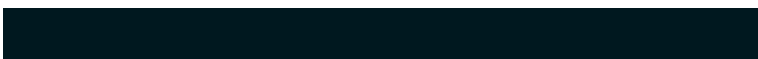
1F4FBF



555C5E



007D9E



00181F

Inverse Universe

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



BF1F9D



F700C3



BF8F1F



5E555C



9E007D



1F0018

Previews

White Background



This preview shows how the Hex color 1F9DBF looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 1F9DBF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

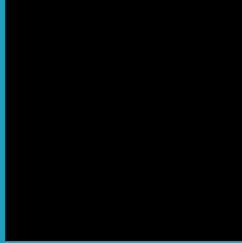
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 1F9DBF Background



This preview shows how black text looks on a background with the Hex color 1F9DBF.

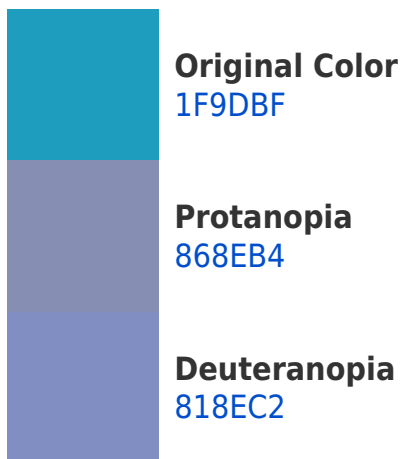


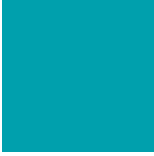
This preview shows how white text looks on a background with the Hex color 1F9DBF.

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](#).

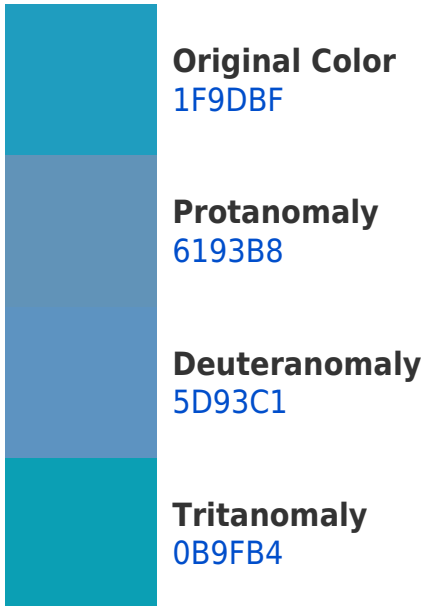
Dichromacy



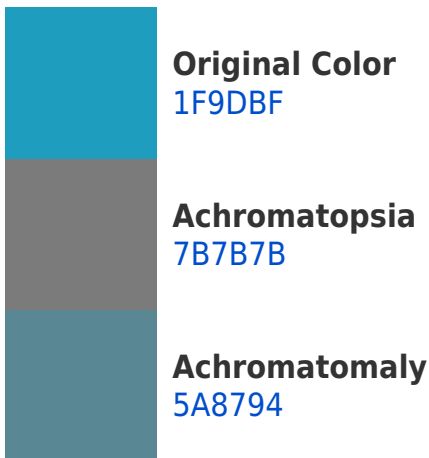


Tritanopia
00A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1F9DBF 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 #1F9DBF looks like.

```
.text, #text, p{  
    color:#1F9DBF  
}
```

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 #1F9DBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F9DBF
}
```

Border

The CSS property to change the border of an element to Hex 1F9DBF 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
#1F9DBF }
```

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

```
.border{ border-color:#1F9DBF }
```

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

Here you see how a box with a 4 pixel #1F9DBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F9DBF; -webkit-box-shadow:4px 4px  
4px 4px #1F9DBF; box-shadow:4px 4px 4px  
4px #1F9DBF }
```

Background

The CSS property to change the background color of an element to Hex 1F9DBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F9DBF }
```

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

```
.background{ background-color:#1F9DBF }
```

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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