

Converting Colors

Hex(1F89B9)

Have a look what the booklet for
Hex(1F89B9) contains.

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Color

Hex(1F89B9)

Conversions

Conversions Part 1

Format	Color
Hex	1F89B9
RGB	31, 137, 185
RGB Percent	12%, 54%, 73%
CMY	0.8784, 0.4627, 0.2745
CMYK	0.83, 0.26, 0.00, 0.27
HSL	199°, 71%, 42%
HSV	199°, 83%, 73%
XYZ	18.2677, 21.6854, 49.1218
YIQ	110.7780, -78.5840, -7.5440

Conversions

Conversions Part 2

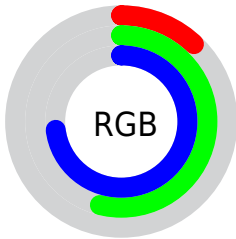
Format	Color
R_{YB}	31, 94, 185
Decimal	2066873
CIE _{Lab}	53.69, -11.85, -33.23
CIE _{LCh}	54, 35.282, 250.381
Yxy	21.6854, 0.2051, 0.2435
Android (android.graphics.Color)	4280256953 (0xFF1F89B9)
YUV	110.7780, 36.5914, -69.9653
Hunter-Lab	46.5676, -11.4707, -29.9447

Details

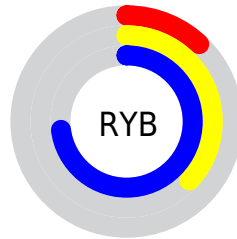
The Hex color **1F89B9** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B94F1F**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **67BEF1**, and **005784** is the 20% darker color. If you saturate the color by 10%, you get **0C83B9**, and if you desaturate by 10%, it is **328FB9**.

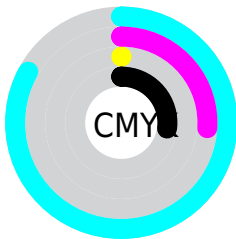
Distribution



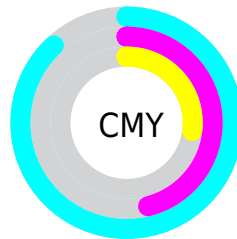
- Red (12%)
- Green (54%)
- Blue (73%)



- Red (12%)
- Yellow (37%)
- Blue (73%)



- Cyan (83%)
- Magenta (26%)
- Yellow (0%)
- Black (27%)



- Cyan (88%)
- Magenta (46%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F89B9 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 1F89B9 by changing the saturation by 10% instead.

■ 1F89B9

■ 1F89B9

FFFFFF

■ 00709E

■ 67BEF1

■ 005784

■ 85DAFF

■ 00406A

■ A3F7FF

■ 002A52

■ C1FFFF

■ 00173A

■ DFFFFF

■ 000224

FDFFFF

■ 00000C

■ 000000

■ 1F89B9

■ 1F89B9

0C83B9

328FB9

007FB9

4495B9

569AB9

69A0B9

7CA6B9

8EACB9

A1B1B9

B3B7B9

C5BDB9

Harmonies

Analogous

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



008EA7



1F89B9



6380BC

Triad

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



1F89B9



BA6877



688A51

Complementary

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



1F89B9



B94F1F

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.



898243



1F89B9



B66D5A

Square

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



1F89B9



AE6B95



A47847



3F8F6B

Rectangle

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



1F89B9



8478B5



A47847



74884A

Sweetspot

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



1F89B9



B4DDF0



1FB94D



546D78



F7F7F7



787878

Same Dimension

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



1F89B9



00A5F0



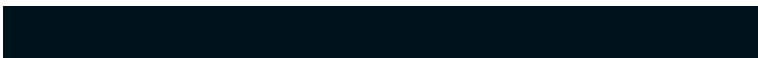
1F3EB9



53595C



006B9C



00131C

Inverse Universe

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



B91F89



F000A5



B99A1F



5C5359



9C006B



1C0013

Previews

White Background



This preview shows how the Hex color 1F89B9 looks on a white background.

Color Contrast Check

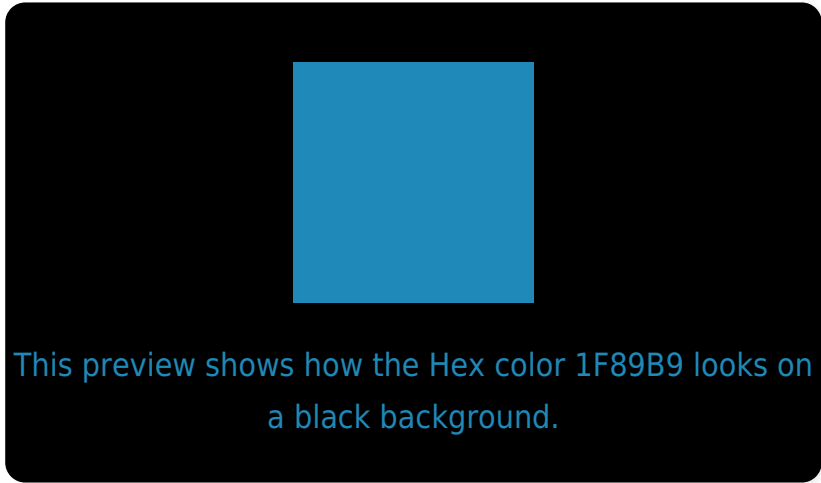
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

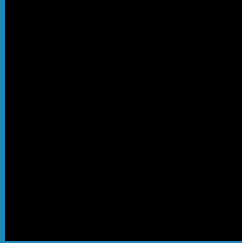
Any Text WCAG AA ✓ Pass

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 1F89B9 Background



This preview shows how black text looks on a background with the Hex color 1F89B9.

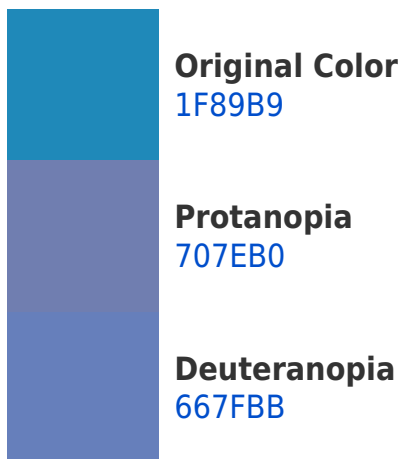


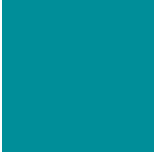
This preview shows how white text looks on a background with the Hex color 1F89B9.

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](#).

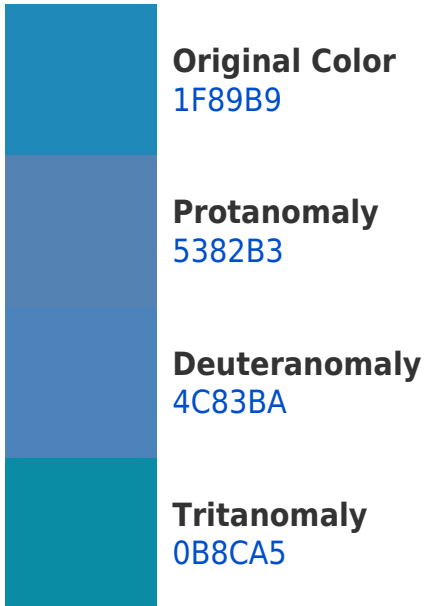
Dichromacy





Tritanopia
008E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1F89B9 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 #1F89B9 looks like.

```
.text, #text, p{  
    color:#1F89B9  
}
```

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 #1F89B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F89B9
}
```

Border

The CSS property to change the border of an element to Hex 1F89B9 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
#1F89B9 }
```

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

```
.border{ border-color:#1F89B9 }
```

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

Here you see how a box with a 4 pixel #1F89B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F89B9; -webkit-box-shadow:4px 4px  
4px 4px #1F89B9; box-shadow:4px 4px 4px  
4px #1F89B9 }
```

Background

The CSS property to change the background color of an element to Hex 1F89B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F89B9 }
```

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

```
.background{ background-color:#1F89B9 }
```

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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