

# Converting Colors

Hex(1F94B1)

Have a look what the booklet for  
Hex(1F94B1) contains.

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# Color

**Hex(1F94B1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F94B1
RGB	31, 148, 177
RGB Percent	12%, 58%, 69%
CMY	0.8784, 0.4196, 0.3059
CMYK	0.82, 0.16, 0.00, 0.31
HSL	192°, 70%, 41%
HSV	192°, 82%, 69%
XYZ	19.0908, 24.6454, 45.3458
YIQ	116.3230, -79.0410, -15.7850

# Conversions

## Conversions Part 2

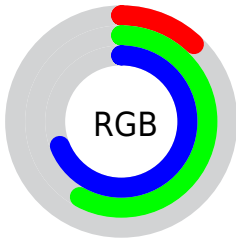
Format	Color
<b>R<sub>YB</sub></b>	<b>31, 96, 177</b>
Decimal	2069681
CIE Lab	56.73, -20.67, -23.96
CIE LCh	57, 31.643, 229.225
Yxy	24.6454, 0.2143, 0.2767
Android (android.graphics.Color)	4280259761 (0xFF1F94B1)
YUV	116.3230, 29.9138, -74.8283
Hunter-Lab	49.6442, -18.2347, -19.4056




# Details

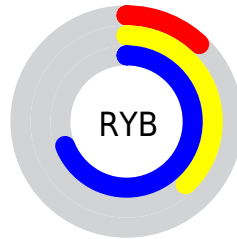
The Hex color **1F94B1** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B13C1F**, and the grayscale version is **747474**.




A 20% lighter version of the original color is **67CAE9**, and **00617C** is the 20% darker color. If you saturate the color by 10%, you get **0D90B1**, and if you desaturate by 10%, it is **3198B1**.

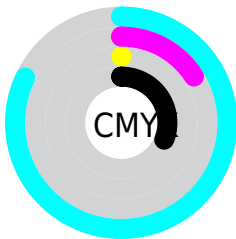
# Distribution







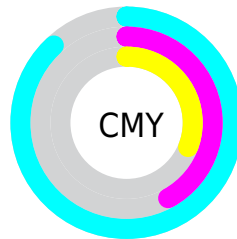
-  Red (12%)
-  Green (58%)
-  Blue (69%)






-  Red (12%)
-  Yellow (38%)
-  Blue (69%)



-  Cyan (82%)
-  Magenta (16%)
-  Yellow (0%)
-  Black (31%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F94B1 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 1F94B1 by changing the saturation by 10% instead.



 1F94B1

 1F94B1

FFFFFF

 007A96

 67CAE9

 00617C

 85E6FF

 004963

 A3FFFF

 00324B

 C0FFFF

 001F34

 DEFFFF

 00021F

FDFFFF

 000003

 000000

 1F94B1

 1F94B1

0D90B1

3198B1

008EB1

429BB1

549FB1

66A2B1

78A6B1

89A9B1

9BADB1

ADB0B1

BEB4B1

# Harmonies

## Analogous

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



1E9799



1F94B1



4F8EBE

# Triad

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



1F94B1



B77493



888C53

# Complementary

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



1F94B1



B13C1F

# 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.



A38352



1F94B1



BE7377

# Square

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



1F94B1



A17BAC



B67A5F



699363

# Rectangle

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



1F94B1



6E88BE



B67A5F



928951



# Sweetspot

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



1F94B1



ACDAE6



1FB13A



506C73



F2F2F2



737373



# Same Dimension

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



1F94B1



02B8E6



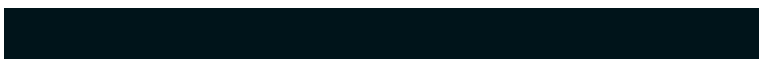
1F4DB1



505759



007B99



00141A



# Inverse Universe

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



B11F94



E602B8



B1831F



595057



99007B



1A0014



# Previews

## White Background



This preview shows how the Hex color 1F94B1 looks on a white background.

## Color Contrast Check

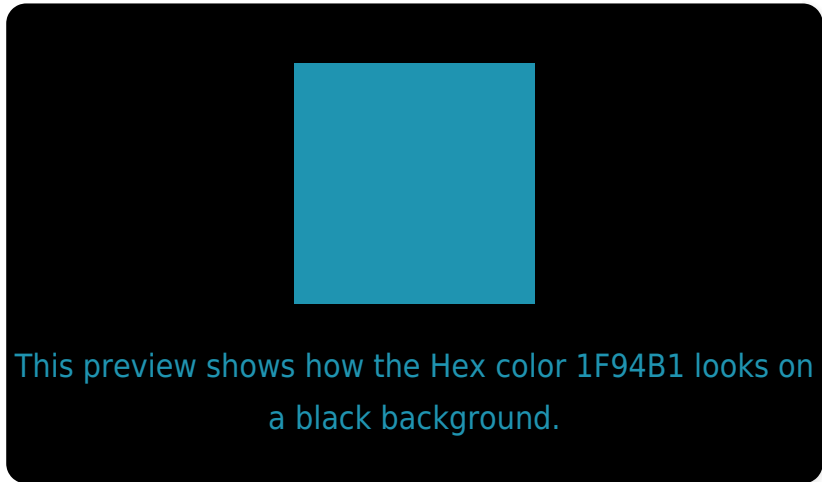
Large Text (above 18pt) WCAG AA ✓ Pass

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

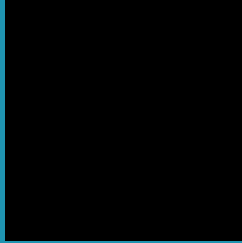
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1F94B1 Background



This preview shows how black text looks on a background with the Hex color 1F94B1.

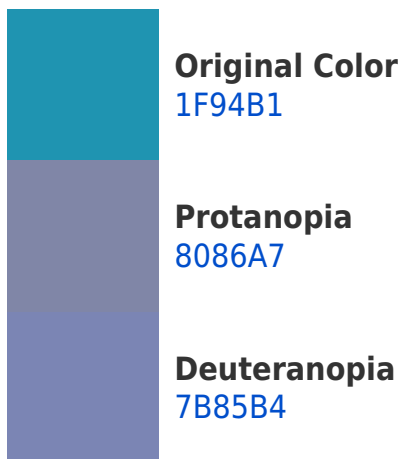


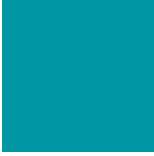
This preview shows how white text looks on a background with the Hex color 1F94B1.

# 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](#).

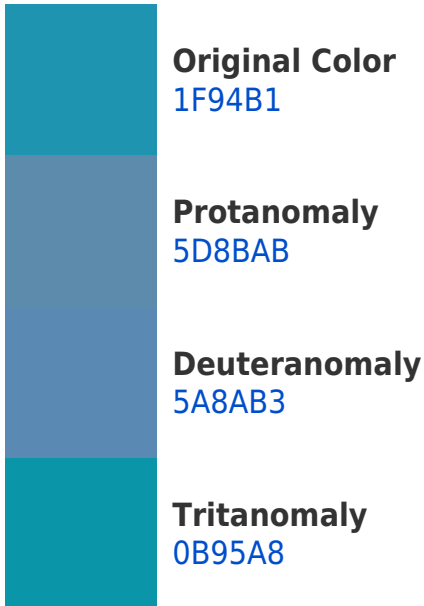
## Dichromacy



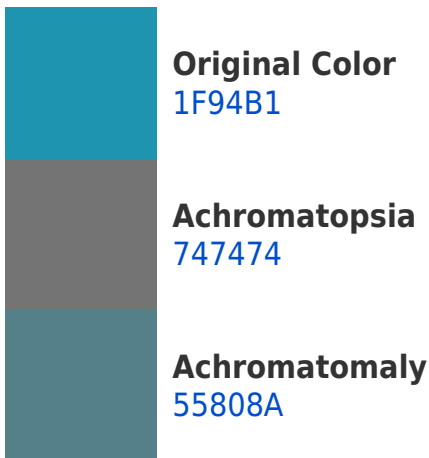


**Tritanopia**  
0096A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F94B1 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 #1F94B1 looks like.

```
.text, #text, p{  
    color:#1F94B1  
}
```

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 #1F94B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F94B1
}
```

## Border

The CSS property to change the border of an element to Hex 1F94B1 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
#1F94B1 }
```

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

```
.border{ border-color:#1F94B1 }
```

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

Here you see how a box with a 4 pixel #1F94B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F94B1; -webkit-box-shadow:4px 4px  
4px 4px #1F94B1; box-shadow:4px 4px 4px  
4px #1F94B1 }
```

# Background

The CSS property to change the background color of an element to Hex 1F94B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F94B1 }
```

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

```
.background{ background-color:#1F94B1 }
```

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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