

# Converting Colors

Hex(1994B1)

Have a look what the booklet for  
Hex(1994B1) contains.

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# Color

**Hex(1994B1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1994B1
RGB	25, 148, 177
RGB Percent	10%, 58%, 69%
CMY	0.9020, 0.4196, 0.3059
CMYK	0.86, 0.16, 0.00, 0.31
HSL	191°, 75%, 40%
HSV	191°, 86%, 69%
XYZ	18.9266, 24.5608, 45.3381
YIQ	114.5290, -82.6170, -17.0570

# Conversions

## Conversions Part 2

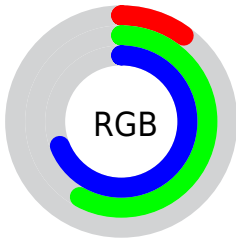
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 93, 177
Decimal	1676465
CIELab	56.64, -21.15, -24.10
CIELCh	57, 32.061, 228.730
Yxy	24.5608, 0.2131, 0.2765
Android (android.graphics.Color)	4279866545 (0xFF1994B1)
YUV	114.5290, 30.7982, -78.5169
Hunter-Lab	49.5589, -18.5585, -19.5493

# Details

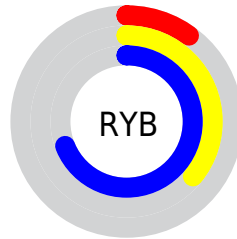
The Hex color **1994B1** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B13619**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **64CAE9**, and **00617C** is the 20% darker color. If you saturate the color by 10%, you get **0791B1**, and if you desaturate by 10%, it is **2B97B1**.

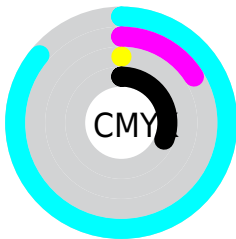
# Distribution



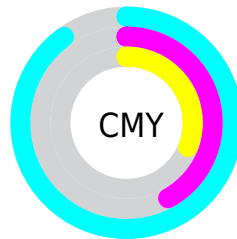
- Red (10%)
- Green (58%)
- Blue (69%)



- Red (10%)
- Yellow (36%)
- Blue (69%)



- Cyan (86%)
- Magenta (16%)
- Yellow (0%)
- Black (31%)



- Cyan (90%)
- Magenta (42%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1994B1 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 1994B1 by changing the saturation by 10% instead.



1994B1

1994B1

FFFFFF

007A96

64CAE9

00617C

83E6FF

004963

A1FFFF

00324B

BEFFFF

001F34

DCFFFF

00021F

FBFFFF

000003

000000

1994B1

1994B1

0791B1

2B97B1

008FB1

3C9BB1

4E9EB1

60A2B1

72A5B1

83A8B1

95ACB1

A7AFB1

B8B2B1

# Harmonies

## Analogous

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



1A9799



1994B1



4D8EBE

# Triad

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



1994B1



B77394



898C52

# Complementary

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



1994B1



B13619

# 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.



A48351



1994B1



BF7377

# Square

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



1994B1



A17AAD



B7795F



699262

# Rectangle

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



1994B1



6D88BF



B7795F



928950



# Sweetspot

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



1994B1



AADAE6



19B135



4F6C73



F2F2F2



737373



# Same Dimension

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



1994B1



00BAE6



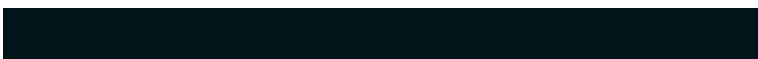
1949B1



505859



007C99



00151A



# Inverse Universe

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



B11994



E600BA



B18119



595058



99007C



1A0015



# Previews

## White Background



This preview shows how the Hex color 1994B1 looks on a white background.

## Color Contrast Check

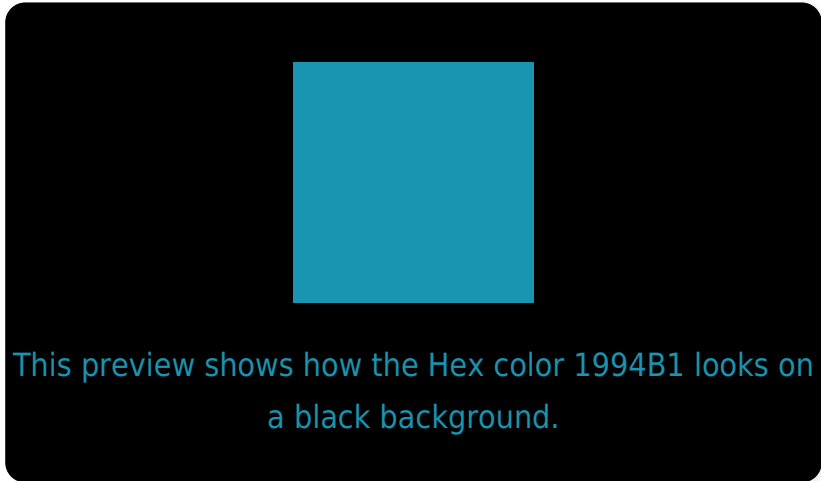
Large Text (above 18pt) WCAG AA ✓ Pass

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

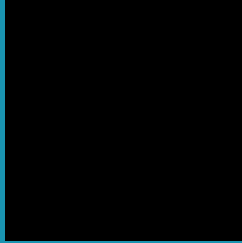
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1994B1 Background



This preview shows how black text looks on a background with the Hex color 1994B1.

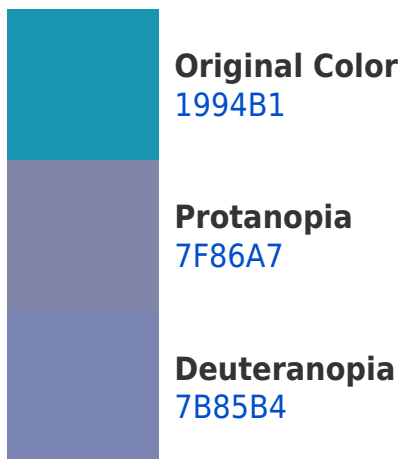


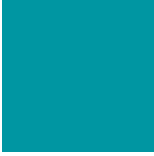
This preview shows how white text looks on a background with the Hex color 1994B1.

# 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](#).

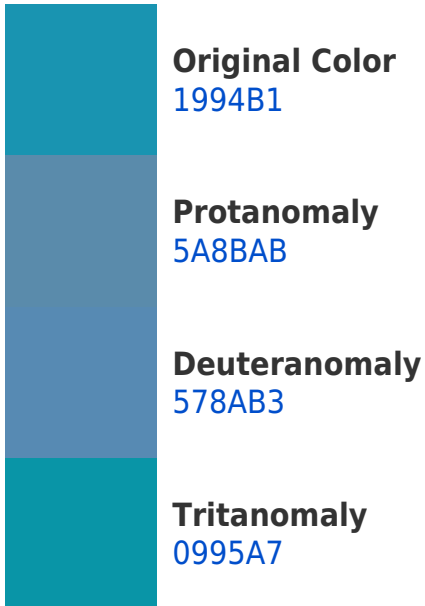
## Dichromacy



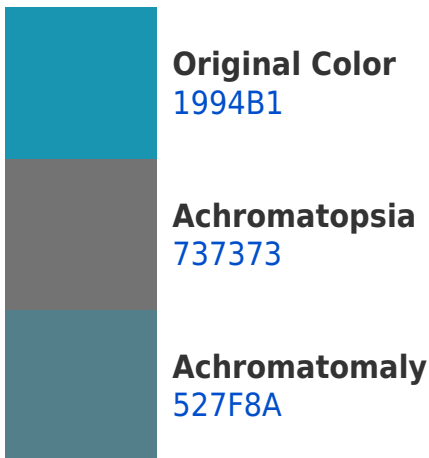


**Tritanopia**  
0096A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1994B1 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 #1994B1 looks like.

```
.text, #text, p{  
    color:#1994B1  
}
```

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 #1994B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1994B1
}
```

## Border

The CSS property to change the border of an element to Hex 1994B1 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
#1994B1 }
```

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

```
.border{ border-color:#1994B1 }
```

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

Here you see how a box with a 4 pixel #1994B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1994B1; -webkit-box-shadow:4px 4px  
4px 4px #1994B1; box-shadow:4px 4px 4px  
4px #1994B1 }
```

# Background

The CSS property to change the background color of an element to Hex 1994B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1994B1 }
```

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

```
.background{ background-color:#1994B1 }
```

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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