

Converting Colors

Hex(1991B3)

Have a look what the booklet for
Hex(1991B3) contains.

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Color

Hex(1991B3)

Conversions

Conversions Part 1

Format	Color
Hex	1991B3
RGB	25, 145, 179
RGB Percent	10%, 57%, 70%
CMY	0.9020, 0.4314, 0.2980
CMYK	0.86, 0.19, 0.00, 0.30
HSL	193°, 75%, 40%
HSV	193°, 86%, 70%
XYZ	18.6630, 23.7121, 46.2411
YIQ	112.9960, -82.4340, -14.8660

Conversions

Conversions Part 2

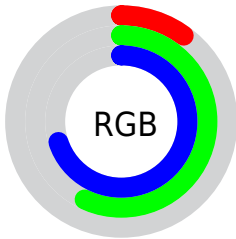
Format	Color
R _Y B	25, 92, 179
Decimal	1675699
CIE Lab	55.80, -18.86, -26.54
CIE LCh	56, 32.561, 234.602
Yxy	23.7121, 0.2106, 0.2676
Android (android.graphics.Color)	4279865779 (0xFF1991B3)
YUV	112.9960, 32.5400, -77.1725
Hunter-Lab	48.6951, -16.8042, -22.2154

Details

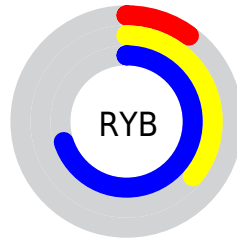
The Hex color **1991B3** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B33B19**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **64C7EB**, and **005E7E** is the 20% darker color. If you saturate the color by 10%, you get **078DB3**, and if you desaturate by 10%, it is **2B95B3**.

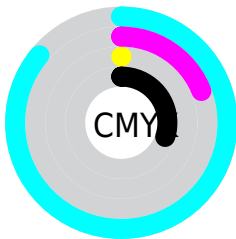
Distribution



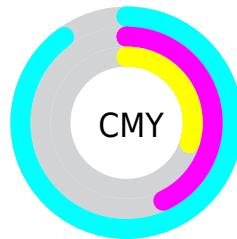
- Red (10%)
- Green (57%)
- Blue (70%)



- Red (10%)
- Yellow (36%)
- Blue (70%)



- Cyan (86%)
- Magenta (19%)
- Yellow (0%)
- Black (30%)



- Cyan (90%)
- Magenta (43%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1991B3 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 1991B3 by changing the saturation by 10% instead.

■ 1991B3

■ 1991B3

FFFFFF

■ 007798

■ 64C7EB

■ 005E7E

■ 83E3FF

■ 004765

■ A1FFFF

■ 00304D

■ BEFFFF

■ 001D36

■ DCFFFF

■ 000221

■ FBFFFF

■ 000005

■ 000000

■ 1991B3

■ 1991B3

078DB3

2B95B3

008BB3

3D99B3

4F9DB3

61A1B3

72A5B3

84A9B3

96ADB3

A8B1B3

BAB5B3

Harmonies

Analogous

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



00949C



1991B3



538ABE

Triad

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



1991B3



B8708C



808B51

Complementary

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



1991B3



B33B19

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.



9D824D



1991B3



BC7170

Square

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



1991B3



A476A7



B27859



5F9164

Rectangle

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



1991B3



7384BC



B27859



8A884E

Sweetspot

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



1991B3



ACDBE8



19B33A



516D75



F5F5F5



757575

Same Dimension

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



1991B3



00B5E8



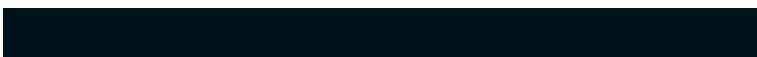
1945B3



505759



007799



00141A

Inverse Universe

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



B31991



E800B5



B38719



595057



990077



1A0014

Previews

White Background



This preview shows how the Hex color 1991B3 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 1991B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

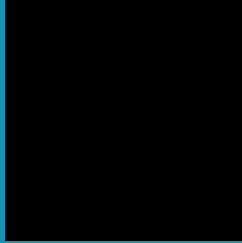
Any Text WCAG AA ✓ Pass

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 1991B3 Background



This preview shows how black text looks on a background with the Hex color 1991B3.

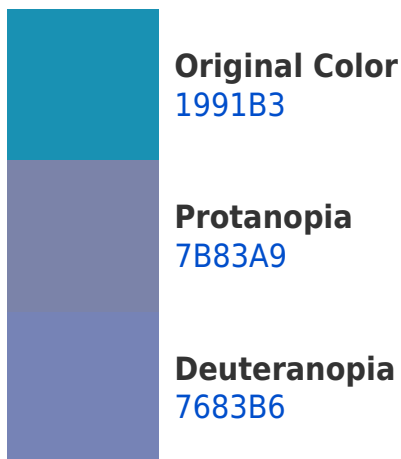


This preview shows how white text looks on a background with the Hex color 1991B3.

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](#).

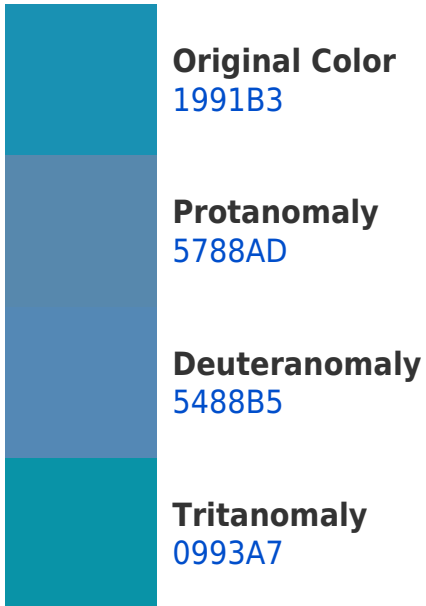
Dichromacy



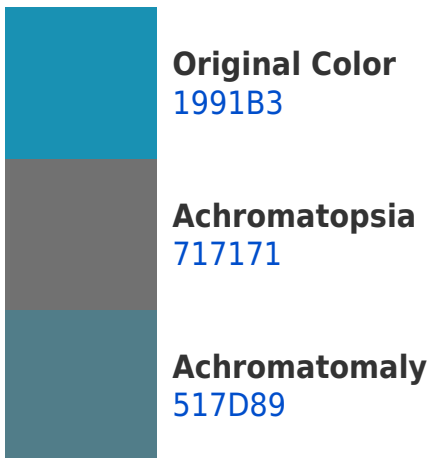


Tritanopia
0094A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1991B3 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 #1991B3 looks like.

```
.text, #text, p{  
    color:#1991B3  
}
```

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 #1991B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1991B3
}
```

Border

The CSS property to change the border of an element to Hex 1991B3 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
#1991B3 }
```

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

```
.border{ border-color:#1991B3 }
```

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

Here you see how a box with a 4 pixel #1991B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1991B3; -webkit-box-shadow:4px 4px  
4px 4px #1991B3; box-shadow:4px 4px 4px  
4px #1991B3 }
```

Background

The CSS property to change the background color of an element to Hex 1991B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1991B3 }
```

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

```
.background{ background-color:#1991B3 }
```

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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