

Converting Colors

Hex(1A91CB)

Have a look what the booklet for
Hex(1A91CB) contains.

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Color

Hex(1A91CB)

Conversions

Conversions Part 1

Format	Color
Hex	1A91CB
RGB	26, 145, 203
RGB Percent	10%, 57%, 80%
CMY	0.8980, 0.4314, 0.2039
CMYK	0.87, 0.29, 0.00, 0.20
HSL	200°, 77%, 45%
HSV	200°, 87%, 80%
XYZ	21.3309, 24.7822, 60.1591
YIQ	116.0310, -89.5420, -7.1900

Conversions

Conversions Part 2

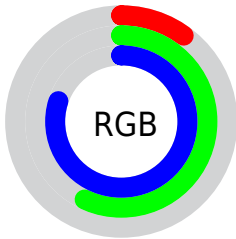
Format	Color
RYB	26, 97, 203
Decimal	1741259
CIELab	56.86, -10.21, -38.49
CIELCh	57, 39.820, 255.140
Yxy	24.7822, 0.2007, 0.2332
Android (android.graphics.Color)	4279931339 (0xFF1A91CB)
YUV	116.0310, 42.8757, -78.9572
Hunter-Lab	49.7817, -10.6329, -36.8022

Details

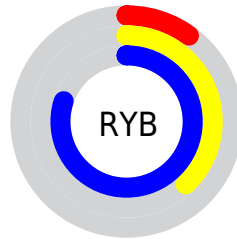
The Hex color **1A91CB** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **CB541A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **69C7FF**, and **005F95** is the 20% darker color. If you saturate the color by 10%, you get **068ACB**, and if you desaturate by 10%, it is **2E98CB**.

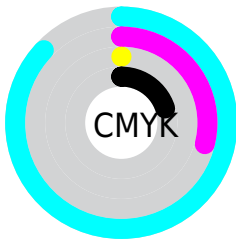
Distribution



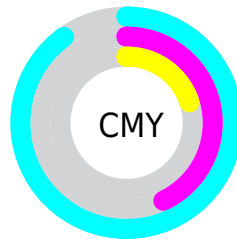
- Red (10%)
- Green (57%)
- Blue (80%)



- Red (10%)
- Yellow (38%)
- Blue (80%)



- Cyan (87%)
- Magenta (29%)
- Yellow (0%)
- Black (20%)



- Cyan (90%)
- Magenta (43%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A91CB 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 1A91CB by changing the saturation by 10% instead.

 1A91CB

 1A91CB

FFFFFF

 0077AF

 69C7FF

 005F95

 89E3FF

 00477A

 A7FFFF

 003161

 C5FFFF

 001D49

 E4FFFF

 000432

 00021C

 000000

 1A91CB

 1A91CB

068ACB

2E98CB

0088CB

439ECB

57A5CB

6BACCB

7FB2CB

94B9CB

A8C0CB

BCC6CB

D1CDCB

Harmonies

Analogous

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



0098B9



1A91CB



7086CB

Triad

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



1A91CB



CB6C78



669456

Complementary

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



1A91CB



CB541A

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.



8C8C43



1A91CB



C37459

Square

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



1A91CB



C06E9B



AC8045



319975

Rectangle

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



1A91CB



937DC1



AC8045



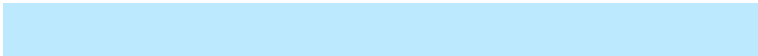
73924E

Sweetspot

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



1A91CB



BDE9FF



1ACB52



587380



000000



808080

Same Dimension

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



1A91CB



00ABFF



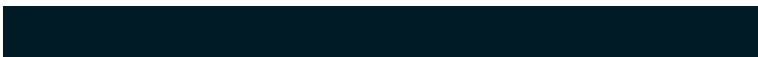
1A3ACB



5C6366



006FA6



001A26

Inverse Universe

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



CB1A91



FF00AB



CBAB1A



665C63



A6006F



26001A

Previews

White Background



This preview shows how the Hex color 1A91CB looks on a white background.

Color Contrast Check

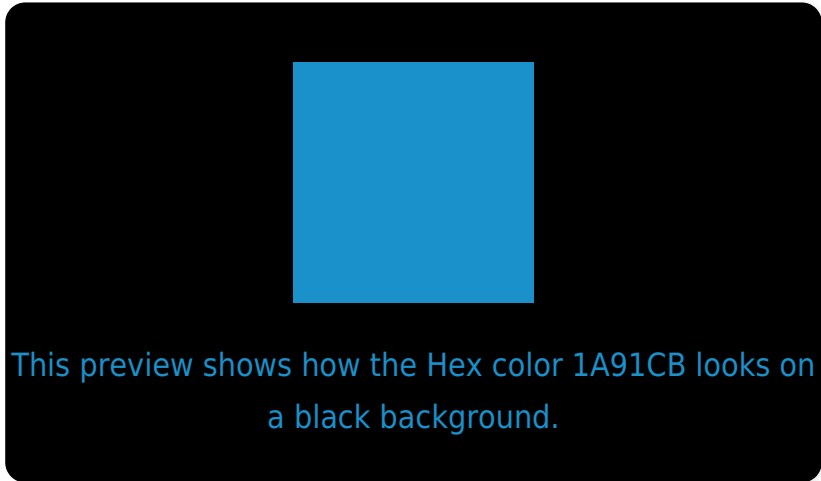
Large Text (above 18pt) WCAG AA ✓ Pass

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 1A91CB Background



This preview shows how black text looks on a background with the Hex color 1A91CB.

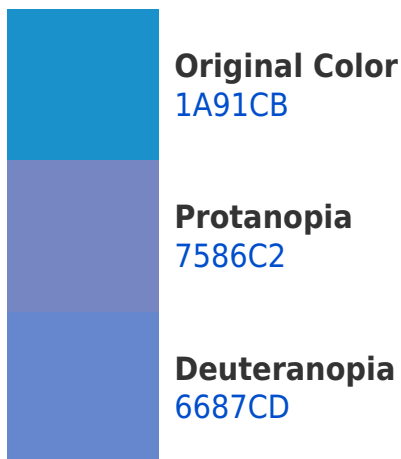


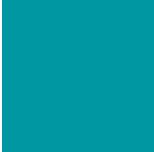
This preview shows how white text looks on a background with the Hex color 1A91CB.

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](#).

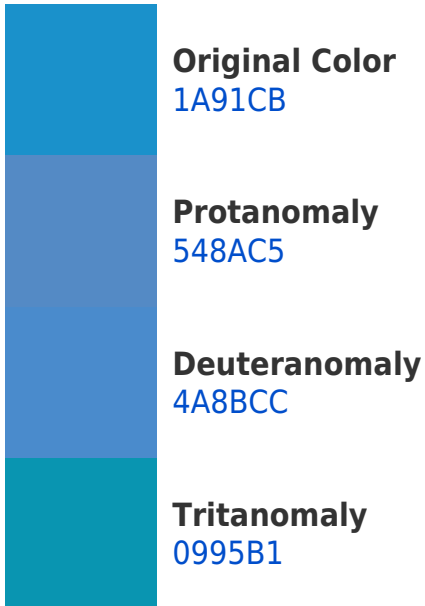
Dichromacy



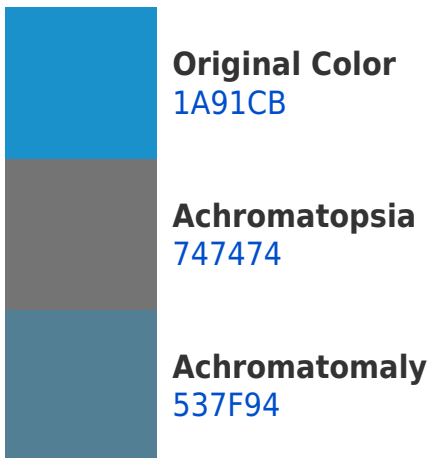


Tritanopia
0097A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1A91CB 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 #1A91CB looks like.

```
.text, #text, p{  
    color:#1A91CB  
}
```

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 #1A91CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A91CB
}
```

Border

The CSS property to change the border of an element to Hex 1A91CB 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
#1A91CB }
```

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

```
.border{ border-color:#1A91CB }
```

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

Here you see how a box with a 4 pixel #1A91CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A91CB; -webkit-box-shadow:4px 4px  
4px 4px #1A91CB; box-shadow:4px 4px 4px  
4px #1A91CB }
```

Background

The CSS property to change the background color of an element to Hex 1A91CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A91CB }
```

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

```
.background{ background-color:#1A91CB }
```

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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