

Converting Colors

Hex(1890DA)

Have a look what the booklet for
Hex(1890DA) contains.

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Color

Hex(1890DA)

Conversions

Conversions Part 1

Format	Color
Hex	1890DA
RGB	24, 144, 218
RGB Percent	9%, 56%, 85%
CMY	0.9059, 0.4353, 0.1451
CMYK	0.89, 0.34, 0.00, 0.15
HSL	203°, 80%, 47%
HSV	203°, 89%, 85%
XYZ	23.0048, 25.2027, 69.9818
YIQ	116.5560, -95.2740, -2.4260

Conversions

Conversions Part 2

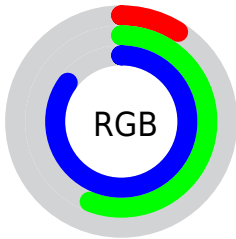
Format	Color
R_{YB}	24, 98, 218
Decimal	1609946
CIE Lab	57.27, -4.23, -46.27
CIE LCh	57, 46.460, 264.777
Yxy	25.2027, 0.1946, 0.2132
Android (android.graphics.Color)	4279800026 (0xFF1890DA)
YUV	116.5560, 50.0119, -81.1716
Hunter-Lab	50.2023, -6.0576, -47.5085

Details

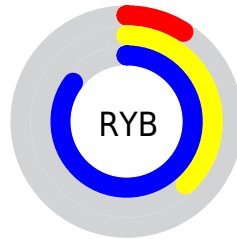
The Hex color **1890DA** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **DA6218**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **6CC5FF**, and **005EA3** is the 20% darker color. If you saturate the color by 10%, you get **0288DA**, and if you desaturate by 10%, it is **2E98DA**.

Distribution



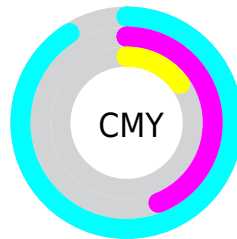
- Red (9%)
- Green (56%)
- Blue (85%)



- Red (9%)
- Yellow (38%)
- Blue (85%)



- Cyan (89%)
- Magenta (34%)
- Yellow (0%)
- Black (15%)



- Cyan (91%)
- Magenta (44%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1890DA 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 1890DA by changing the saturation by 10% instead.

 1890DA

 1890DA

FFFFFF

 0077BE

 6CC5FF

 005EA3

 8CE1FF

 004788

 ABFEFF

 00316E

 CAFFFF

 001D55

 E8FFFF

 00063E

 000327

 000110

 000000

■ 1890DA

■ 1890DA

■ 0288DA

■ 2E98DA

■ 0087DA

■ 44A1DA

■ 59A9DA

■ 6FB1DA

■ 85BADA

■ 9BC2DA

■ B1CADA

■ C6D3DA

■ DCDBDA

Harmonies

Analogous

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



0099CB



1890DA



8082D3

Triad

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



1890DA



D4696A



4D9959

Complementary

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



1890DA



DA6218

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.



7F913C



1890DA



C57648

Square

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



1890DA



D06792



A78536



009D81

Rectangle

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



1890DA



A677C3



A78536



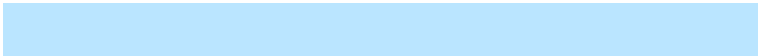
60974E

Sweetspot

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



1890DA



BAE5FF



18DA5F



577080



000000



808080

Same Dimension

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



1890DA



009EFF



1832DA



63696E



006BAD



001C2E

Inverse Universe

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



DA1890



FF009E



DAC018



6E6369



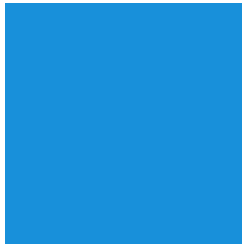
AD006B



2E001C

Previews

White Background



This preview shows how the Hex color 1890DA looks on a white background.

Color Contrast Check

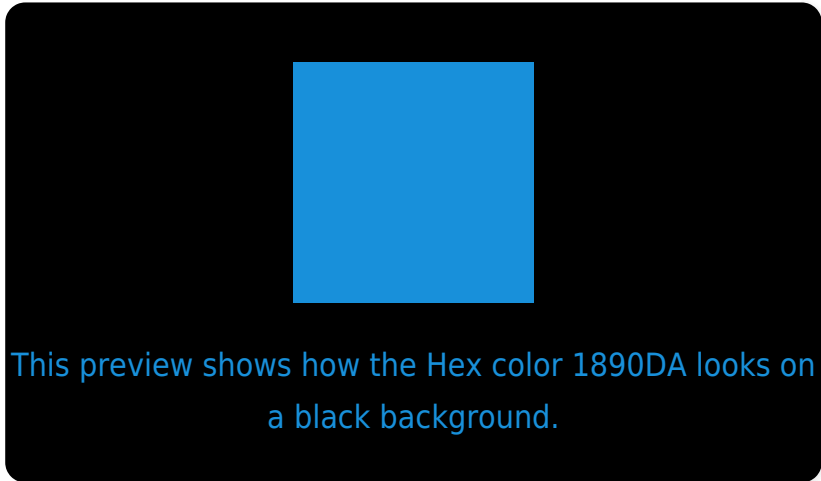
Large Text (above 18pt) WCAG AA ✓ Pass

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

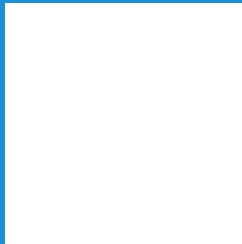
Any Text WCAG AAA × Fail

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

Hex 1890DA Background



This preview shows how black text looks on a background with the Hex color 1890DA.

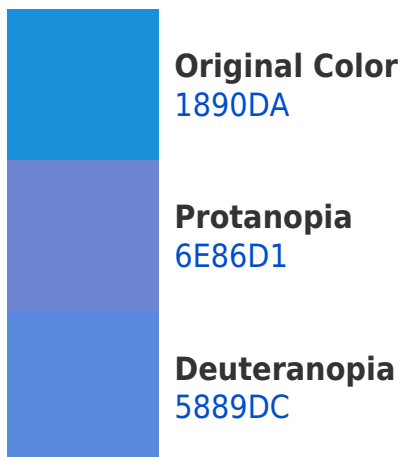


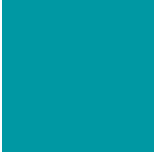
This preview shows how white text looks on a background with the Hex color 1890DA.

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](#).

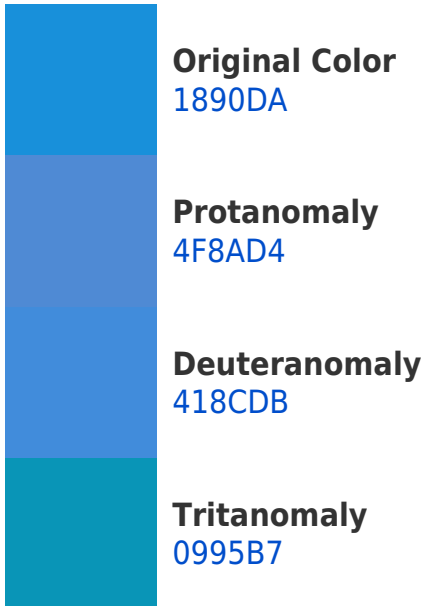
Dichromacy



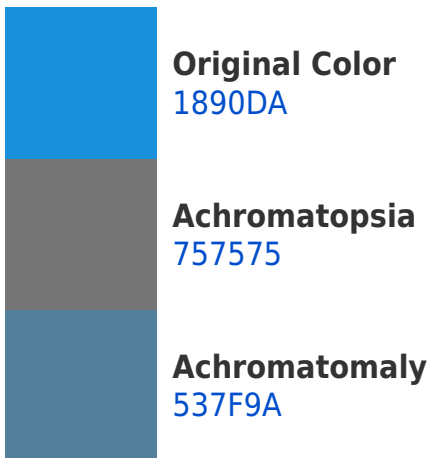


Tritanopia
0098A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1890DA 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 #1890DA looks like.

```
.text, #text, p{  
    color:#1890DA  
}
```

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 #1890DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1890DA
}
```

Border

The CSS property to change the border of an element to Hex 1890DA 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
#1890DA }
```

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

```
.border{ border-color:#1890DA }
```

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

Here you see how a box with a 4 pixel #1890DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1890DA; -webkit-box-shadow:4px 4px  
4px 4px #1890DA; box-shadow:4px 4px 4px  
4px #1890DA }
```

Background

The CSS property to change the background color of an element to Hex 1890DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1890DA }
```

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

```
.background{ background-color:#1890DA }
```

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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