

Converting Colors

Hex(3198C5)

Have a look what the booklet for
Hex(3198C5) contains.

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Color

Hex(3198C5)

Conversions

Conversions Part 1

Format	Color
Hex	3198C5
RGB	49, 152, 197
RGB Percent	19%, 60%, 77%
CMY	0.8078, 0.4039, 0.2275
CMYK	0.75, 0.23, 0.00, 0.23
HSL	198°, 60%, 48%
HSV	198°, 75%, 77%
XYZ	22.5729, 27.1407, 56.8723
YIQ	126.3330, -75.8330, -7.8410

Conversions

Conversions Part 2

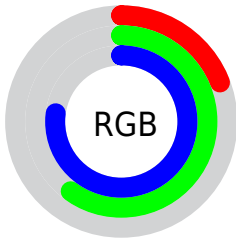
Format	Color
R_{YB}	49, 110, 197
Decimal	3250373
CIE _{Lab}	59.10, -14.09, -31.58
CIE _{LCh}	59, 34.578, 245.956
Yxy	27.1407, 0.2118, 0.2546
Android (android.graphics.Color)	4281440453 (0xFF3198C5)
YUV	126.3330, 34.8388, -67.8210
Hunter-Lab	52.0967, -13.8272, -28.2573

Details

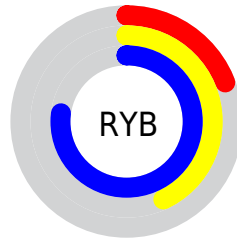
The Hex color **3198C5** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **C55E31**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **74CEFE**, and **00658F** is the 20% darker color. If you saturate the color by 10%, you get **1D92C5**, and if you desaturate by 10%, it is **459EC5**.

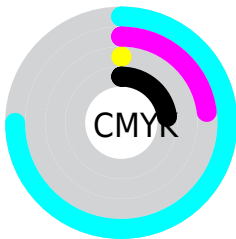
Distribution



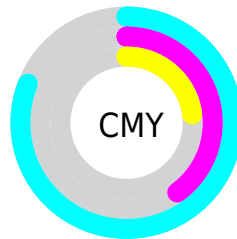
- Red (19%)
- Green (60%)
- Blue (77%)



- Red (19%)
- Yellow (43%)
- Blue (77%)



- Cyan (75%)
- Magenta (23%)
- Yellow (0%)
- Black (23%)



- Cyan (81%)
- Magenta (40%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3198C5 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 3198C5 by changing the saturation by 10% instead.

■ 3198C5

■ 3198C5

FFFFFF

■ 007EAA

■ 74CEFE

■ 00658F

■ 92EAFF

■ 004D75

■ B0FFFF

■ 00365C

■ CEFFFF

■ 002144

■ ECFFFF

■ 00042E

■ 000119

■ 000000

■ 3198C5

■ 3198C5

■ 1D92C5

■ 459EC5

■ 0A8CC5

■ 58A4C5

■ 0089C5

■ 6CAAC5

■ 80B0C5

■ 94B6C5

■ A7BCC5

■ BBC2C5

■ CFC8C5

■ E2CEC5

Harmonies

Analogous

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



009DB1



3198C5



6B8FCA

Triad

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



3198C5



C87689



7C975C

Complementary

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



3198C5



C5E31

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.



9C8E51



3198C5



C67A6C

Square

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



3198C5



B97AA8



B68457



569C75

Rectangle

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



3198C5



8C88C5



B68457



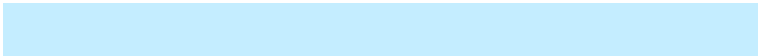
879456

Sweetspot

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



3198C5



C4EDFF



31C55D



5C7580



000000



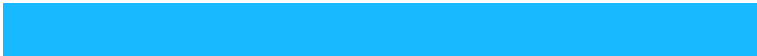
808080

Same Dimension

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



3198C5



19B9FF



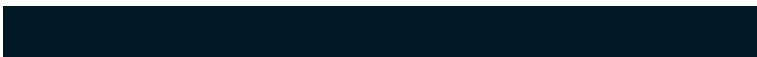
314FC5



5A6063



0072A3



001924

Inverse Universe

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



C53198



FF19B9



C5A731



635A60



A30072



240019

Previews

White Background



This preview shows how the Hex color 3198C5 looks on a white background.

Color Contrast Check

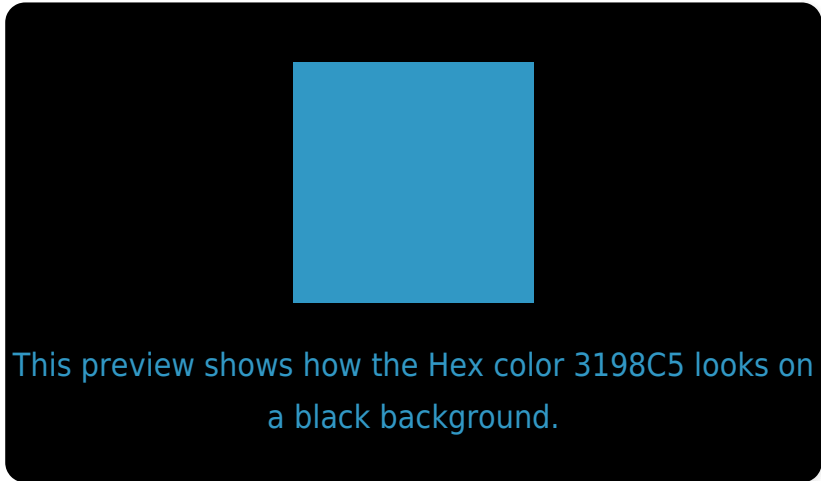
Large Text (above 18pt) WCAG AA ✓ Pass

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

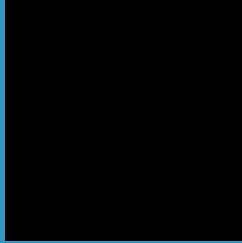
Any Text WCAG AA ✓ Pass

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 3198C5 Background



This preview shows how black text looks on a background with the Hex color 3198C5.

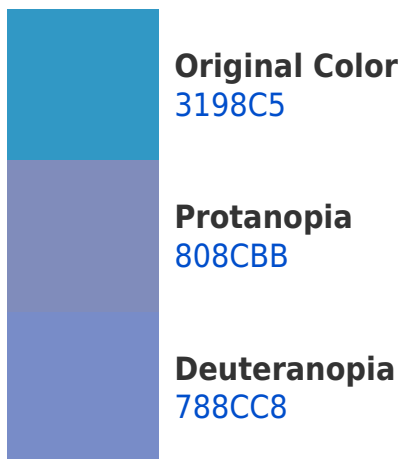


This preview shows how white text looks on a background with the Hex color 3198C5.

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](#).

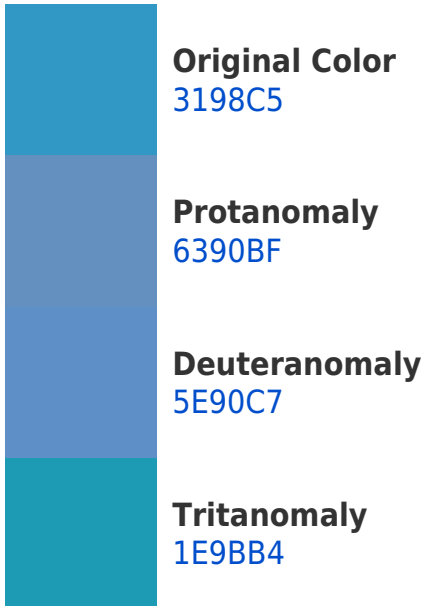
Dichromacy



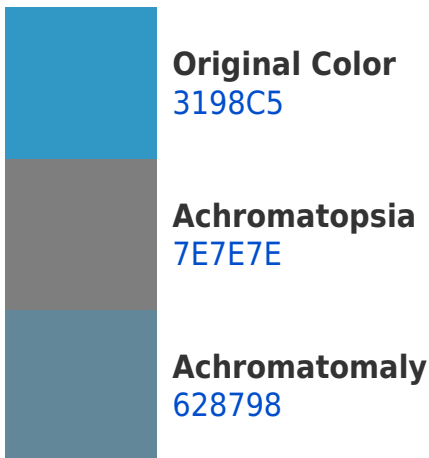


Tritanopia
139DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3198C5 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 #3198C5 looks like.

```
.text, #text, p{  
    color:#3198C5  
}
```

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 #3198C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3198C5
}
```

Border

The CSS property to change the border of an element to Hex 3198C5 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
#3198C5 }
```

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

```
.border{ border-color:#3198C5 }
```

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

Here you see how a box with a 4 pixel #3198C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3198C5; -webkit-box-shadow:4px 4px  
4px 4px #3198C5; box-shadow:4px 4px 4px  
4px #3198C5 }
```

Background

The CSS property to change the background color of an element to Hex 3198C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3198C5 }
```

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

```
.background{ background-color:#3198C5 }
```

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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