

# Converting Colors

Hex(2195B9)

Have a look what the booklet for  
Hex(2195B9) contains.

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# Color

Hex(2195B9)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2195B9
RGB	33, 149, 185
RGB Percent	13%, 58%, 73%
CMY	0.8706, 0.4157, 0.2745
CMYK	0.82, 0.19, 0.00, 0.27
HSL	194°, 70%, 43%
HSV	194°, 82%, 73%
XYZ	20.1316, 25.3210, 49.7253
YIQ	118.4200, -80.6920, -13.3960

# Conversions

## Conversions Part 2

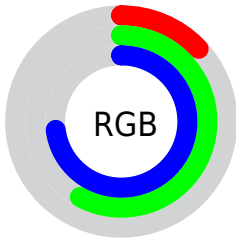
Format	Color
R <sub>Y</sub> B	33, 99, 185
Decimal	2201017
CIE Lab	57.39, -18.28, -27.49
CIE LCh	57, 33.010, 236.380
Yxy	25.3210, 0.2115, 0.2660
Android (android.graphics.Color)	4280391097 (0xFF2195B9)
YUV	118.4200, 32.8239, -74.9133
Hunter-Lab	50.3200, -16.6472, -23.3654

# Details

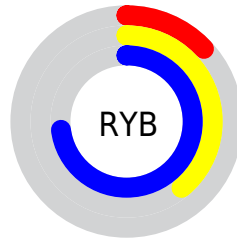
The Hex color **2195B9** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B94521**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **69CBF1**, and **006284** is the 20% darker color. If you saturate the color by 10%, you get **0E91B9**, and if you desaturate by 10%, it is **3499B9**.

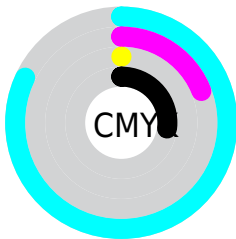
# Distribution



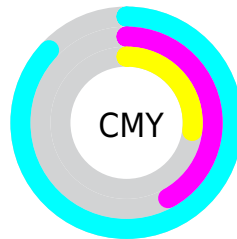
- Red (13%)
- Green (58%)
- Blue (73%)



- Red (13%)
- Yellow (39%)
- Blue (73%)



- Cyan (82%)
- Magenta (19%)
- Yellow (0%)
- Black (27%)



- Cyan (87%)
- Magenta (42%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2195B9 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 2195B9 by changing the saturation by 10% instead.



 2195B9

 2195B9

FFFFFF

 007B9E

 69CBF1

 006284

 87E7FF

 004A6A

 A5FFFF

 003352

 C3FFFF

 001F3B

 E1FFFF

 000225

 00010E

 000000

 2195B9

 2195B9

0E91B9

3499B9

008DB9

469EB9

59A2B9

6BA7B9

7EABB9

90AFB9

A3B4B9

B5B8B9

C8BCB9

# Harmonies

## Analogous

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



0299A2



2195B9



598EC3

# Triad

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



2195B9



BE748E



839055

# Complementary

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



2195B9



B94521

# 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.



A08750



2195B9



C17572

# Square

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



2195B9



AB79AA



B67D5B



619669

# Rectangle

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



2195B9



7987C1



B67D5B



8D8D52



# Sweetspot

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



2195B9



B4E2F0



21B944



546F78



F7F7F7



787878



# Same Dimension

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



2195B9



02B7F0



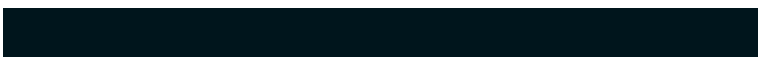
214AB9



535A5C



00779C



00151C



# Inverse Universe

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



B92195



F002B7



B99021



5C535A



9C0077



1C0015



# Previews

## White Background



This preview shows how the Hex color 2195B9 looks on a white background.

## Color Contrast Check

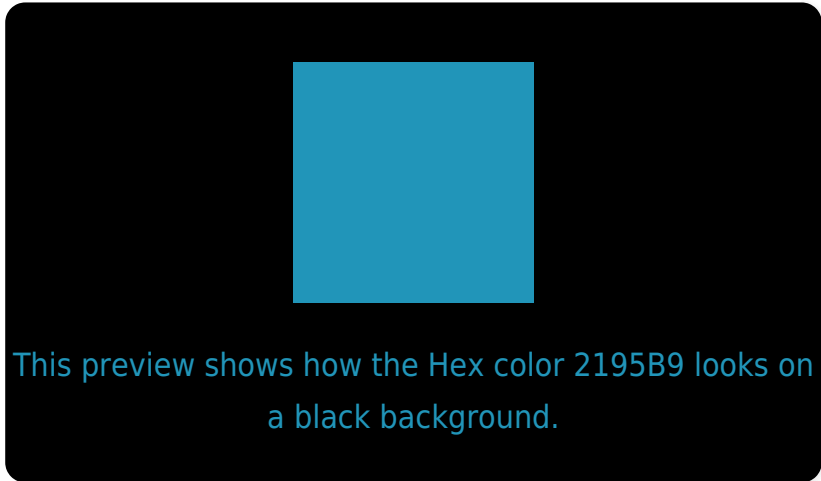
Large Text (above 18pt) WCAG AA ✓ Pass

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

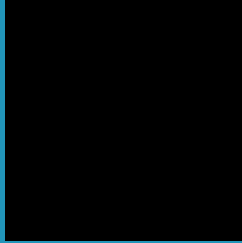
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2195B9 Background



This preview shows how black text looks on a background with the Hex color 2195B9.



This preview shows how white text looks on a background with the Hex color 2195B9.

# 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](#).

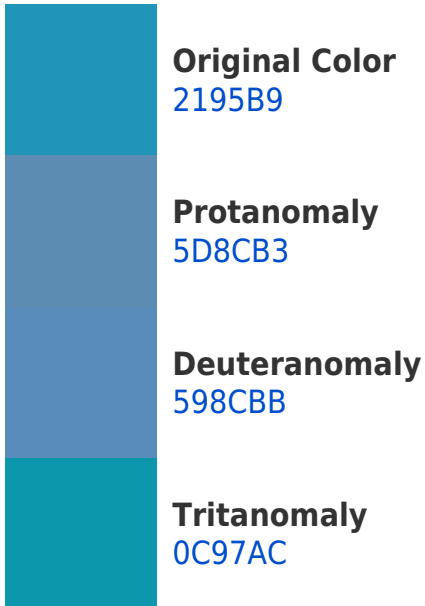
## Dichromacy





**Tritanopia**  
0098A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2195B9 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 #2195B9 looks like.

```
.text, #text, p{  
    color:#2195B9  
}
```

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 #2195B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2195B9
}
```

## Border

The CSS property to change the border of an element to Hex 2195B9 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
#2195B9 }
```

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

```
.border{ border-color:#2195B9 }
```

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

Here you see how a box with a 4 pixel #2195B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2195B9; -webkit-box-shadow:4px 4px  
4px 4px #2195B9; box-shadow:4px 4px 4px  
4px #2195B9 }
```

# Background

The CSS property to change the background color of an element to Hex 2195B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2195B9 }
```

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

```
.background{ background-color:#2195B9 }
```

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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