

# Converting Colors

Hex(4195D8)

Have a look what the booklet for  
Hex(4195D8) contains.

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# Color

**Hex(4195D8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4195D8
RGB	65, 149, 216
RGB Percent	25%, 58%, 85%
CMY	0.7451, 0.4157, 0.1529
CMYK	0.70, 0.31, 0.00, 0.15
HSL	207°, 66%, 55%
HSV	207°, 70%, 85%
XYZ	25.3221, 27.5766, 68.9539
YIQ	131.5220, -71.5710, 3.0290

# Conversions

## Conversions Part 2

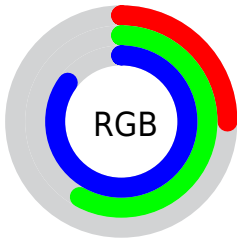
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	65, 119, 216
Decimal	4298200
CIE Lab	59.50, -3.72, -41.57
CIE LCh	60, 41.736, 264.886
Yxy	27.5766, 0.2078, 0.2263
Android (android.graphics.Color)	4282488280 (0xFF4195D8)
YUV	131.5220, 41.6477, -58.3398
Hunter-Lab	52.5134, -5.8253, -41.0927

# Details

The Hex color **4195D8** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **D88441**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **81CBFF**, and **0063A1** is the 20% darker color. If you saturate the color by 10%, you get **2B8BD8**, and if you desaturate by 10%, it is **579FD8**.

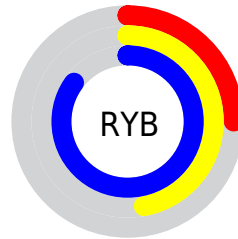
# Distribution



Red (25%)

Green (58%)

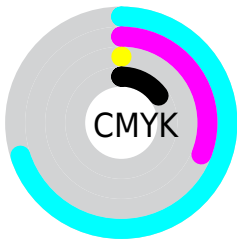
Blue (85%)



Red (25%)

Yellow (47%)

Blue (85%)

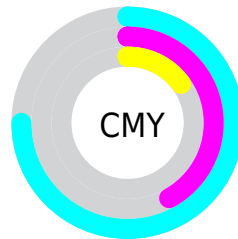


Cyan (70%)

Magenta (31%)

Yellow (0%)

Black (15%)



Cyan (75%)

Magenta (42%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4195D8 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 4195D8 by changing the saturation by 10% instead.



 4195D8

 4195D8

FFFFFF

 127BBC

 81CBFF

 0063A1

 9FE7FF

 004B86

 BDFFFF

 00356D

 DBFFFF

 002054

 FAFFFF

 00063C

 000226

 00010F

 000000

■ 4195D8

■ 4195D8

■ 2B8BD8

■ 579FD8

■ 1682D8

■ 6CA8D8

■ 0078D8

■ 82B2D8

■ 97BBD8

■ ADC5D8

■ C3CFD8

■ D8D8D8

■ EEE2D8

■ FFEBD8

# Harmonies

## Analogous

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



009ECA



4195D8



8988D2

# Triad

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



4195D8



D47372



5B9E64

# Complementary

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



4195D8



D88441

# 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.



87964A



4195D8



C67E54

# Square

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



4195D8



D07197



AB8B45



08A288

# Rectangle

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



4195D8



AA7FC4



AB8B45



6B9C5A

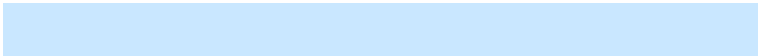


# Sweetspot

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



4195D8



C9E7FF



41D882



607180



000000



808080



# Same Dimension

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



4195D8



29A0FF



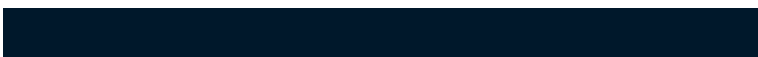
414BD8



60666B



005FAB



00182B



# Inverse Universe

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



D84195



FF29A0



D8CE41



6B6066



AB005F



2B0018



# Previews

## White Background



This preview shows how the Hex color 4195D8 looks on a white background.

## Color Contrast Check

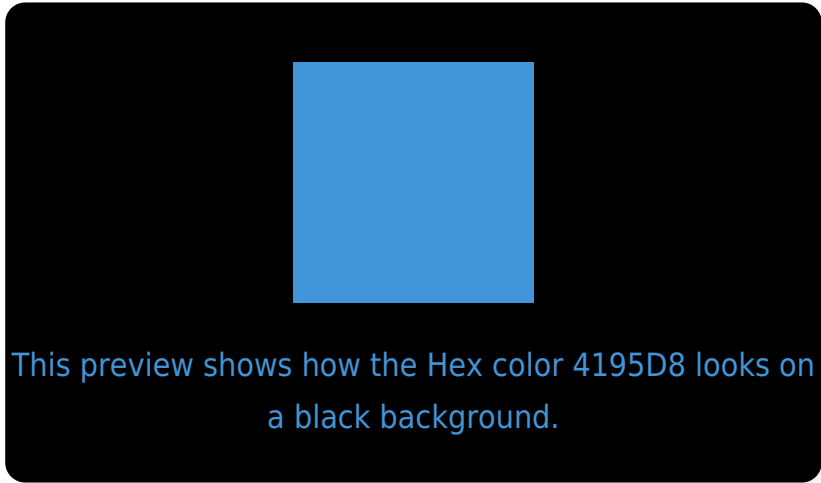
Large Text (above 18pt) WCAG AA ✓ Pass

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

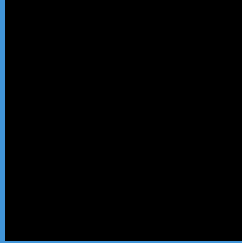
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

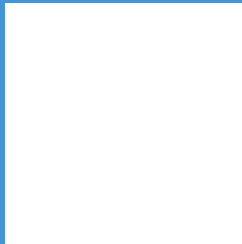
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4195D8 Background



This preview shows how black text looks on a background with the Hex color 4195D8.

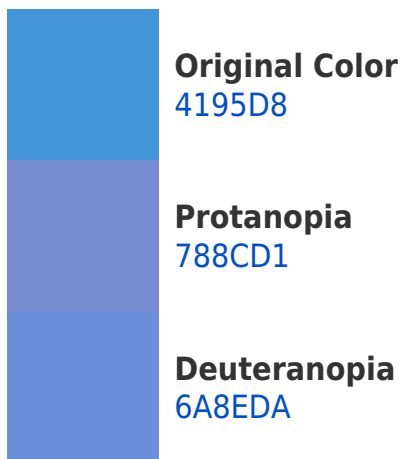


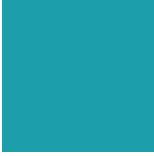
This preview shows how white text looks on a background with the Hex color 4195D8.

# 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](#).

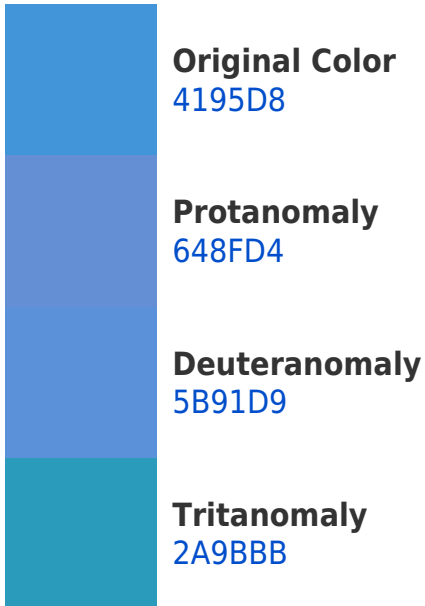
## Dichromacy



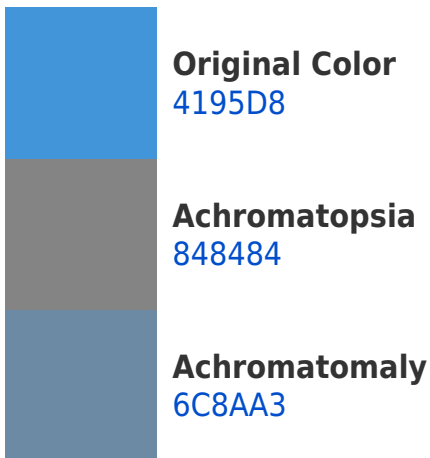


**Tritanopia**  
1D9EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4195D8 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 #4195D8 looks like.

```
.text, #text, p{  
    color:#4195D8  
}
```

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 #4195D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4195D8
}
```

## Border

The CSS property to change the border of an element to Hex 4195D8 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
#4195D8 }
```

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

```
.border{ border-color:#4195D8 }
```

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

Here you see how a box with a 4 pixel #4195D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4195D8; -webkit-box-shadow:4px 4px  
4px 4px #4195D8; box-shadow:4px 4px 4px  
4px #4195D8 }
```

# Background

The CSS property to change the background color of an element to Hex 4195D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4195D8 }
```

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

```
.background{ background-color:#4195D8 }
```

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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