

# Converting Colors

Hex(4094DA)

Have a look what the booklet for  
Hex(4094DA) contains.

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# Color

**Hex(4094DA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4094DA
RGB	64, 148, 218
RGB Percent	25%, 58%, 85%
CMY	0.7490, 0.4196, 0.1451
CMYK	0.71, 0.32, 0.00, 0.15
HSL	207°, 68%, 55%
HSV	207°, 71%, 85%
XYZ	25.3591, 27.3318, 70.2687
YIQ	130.8640, -72.5340, 3.9620

# Conversions

## Conversions Part 2

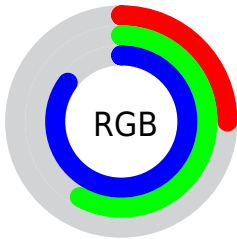
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	64, 118, 218
Decimal	4232410
CIE Lab	59.28, -2.60, -43.04
CIE LCh	59, 43.119, 266.547
Yxy	27.3318, 0.2062, 0.2223
Android (android.graphics.Color)	4282422490 (0xFF4094DA)
YUV	130.8640, 42.9580, -58.6397
Hunter-Lab	52.2798, -4.9053, -43.0952

# Details

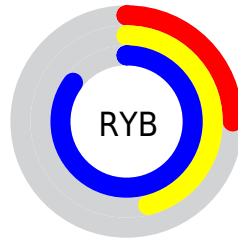
The Hex color **4094DA** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **DA8640**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **81CAFF**, and **0062A3** is the 20% darker color. If you saturate the color by 10%, you get **2A8ADA**, and if you desaturate by 10%, it is **569EDA**.

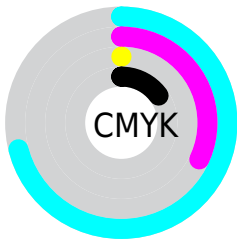
# Distribution



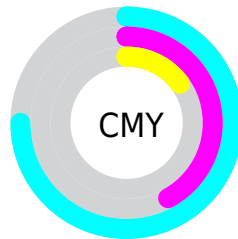
- Red (25%)
- Green (58%)
- Blue (85%)



- Red (25%)
- Yellow (46%)
- Blue (85%)



- Cyan (71%)
- Magenta (32%)
- Yellow (0%)
- Black (15%)



- Cyan (75%)
- Magenta (42%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4094DA 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 4094DA by changing the saturation by 10% instead.



 4094DA

 4094DA

FFFFFF

 0E7ABE

 81CAFF

 0062A3

 9FE6FF

 004A88

 BDFFFF

 00346E

 DBFFFF

 002055

 F9FFFF

 00063E

 000327

 000111

 000000

■ 4094DA

■ 4094DA

■ 2A8ADA

■ 569EDA

■ 1480DA

■ 6CA8DA

■ 0077DA

■ 81B2DA

■ 97BCDA

■ ADC6DA

■ C3CFDA

■ D9D9DA

■ EEE3DA

■ FFEDDA

# Harmonies

## Analogous

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



009DCD



4094DA



8B87D3

# Triad

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



4094DA



D5726F



559E63

# Complementary

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



4094DA



DA8640

# 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.



849748



4094DA



C67D50

# Square

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



4094DA



D26F95



A98B41



00A289

# Rectangle

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



4094DA



AC7DC3



A98B41



669C59

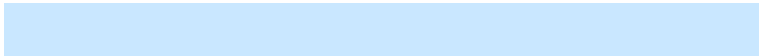


# Sweetspot

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



4094DA



C9E7FF



40DA85



607180



000000



808080



# Same Dimension

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



4094DA



269CFF



4048DA



63696E



005FAD



00192E



# Inverse Universe

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



DA4094



FF269C



DAD240



6E6369



AD005F



2E0019



# Previews

## White Background



This preview shows how the Hex color 4094DA looks on a white background.

## Color Contrast Check

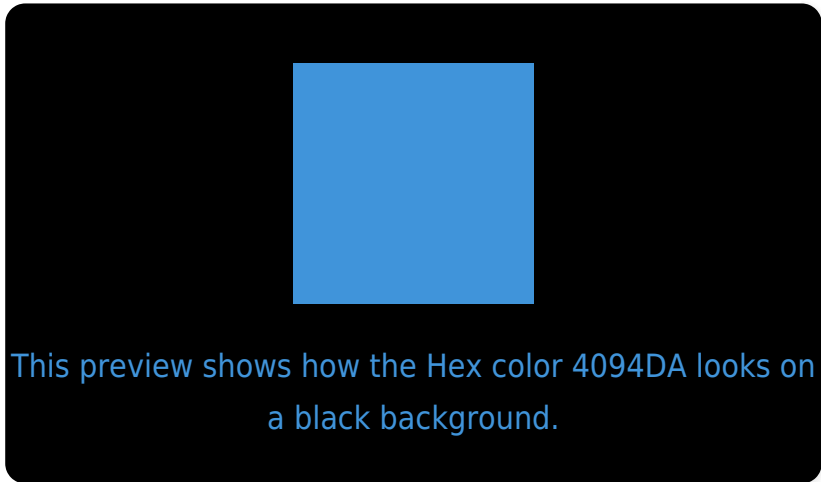
Large Text (above 18pt) WCAG AA ✓ Pass

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

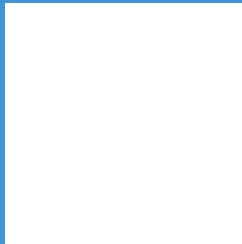
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4094DA Background



This preview shows how black text looks on a background with the Hex color 4094DA.

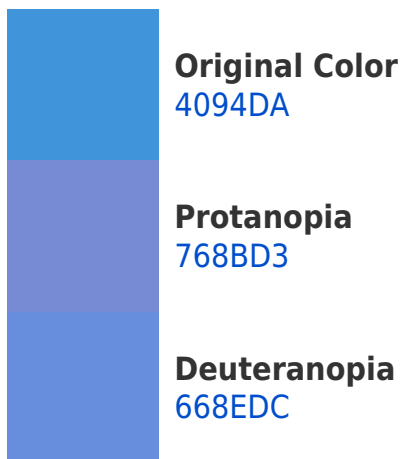


This preview shows how white text looks on a background with the Hex color 4094DA.

# 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](#).

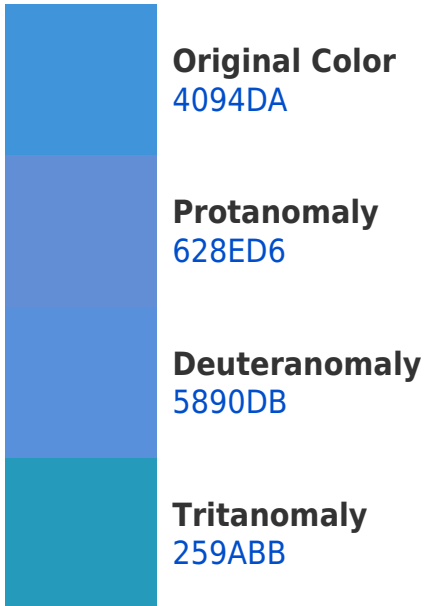
## Dichromacy





**Tritanopia**  
169DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4094DA 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 #4094DA looks like.

```
.text, #text, p{  
    color:#4094DA  
}
```

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 #4094DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4094DA
}
```

## Border

The CSS property to change the border of an element to Hex 4094DA 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
#4094DA }
```

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

```
.border{ border-color:#4094DA }
```

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

Here you see how a box with a 4 pixel #4094DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4094DA; -webkit-box-shadow:4px 4px  
4px 4px #4094DA; box-shadow:4px 4px 4px  
4px #4094DA }
```

# Background

The CSS property to change the background color of an element to Hex 4094DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4094DA }
```

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

```
.background{ background-color:#4094DA }
```

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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