

# Converting Colors

Hex(2498C9)

Have a look what the booklet for  
Hex(2498C9) contains.

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# Color

Hex(2498C9)

# Conversions

## Conversions Part 1

Format	Color
Hex	2498C9
RGB	36, 152, 201
RGB Percent	14%, 60%, 79%
CMY	0.8588, 0.4039, 0.2118
CMYK	0.82, 0.24, 0.00, 0.21
HSL	198°, 70%, 46%
HSV	198°, 82%, 79%
XYZ	22.4984, 27.0486, 59.2934
YIQ	122.9020, -84.8650, -9.3530

# Conversions

## Conversions Part 2

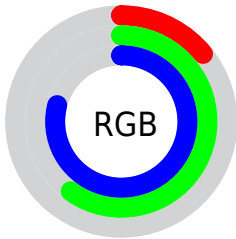
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	36, 104, 201
Decimal	2398409
CIE Lab	59.02, -14.06, -33.98
CIE LCh	59, 36.774, 247.517
Yxy	27.0486, 0.2067, 0.2485
Android (android.graphics.Color)	4280588489 (0xFF2498C9)
YUV	122.9020, 38.5023, -76.2131
Hunter-Lab	52.0083, -13.7966, -31.1894

# Details

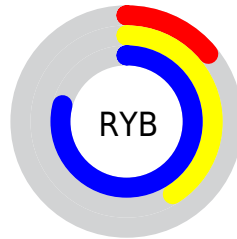
The Hex color **2498C9** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark muted azure. A complement of this color would be **C95524**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **6DCEFF**, and **006593** is the 20% darker color. If you saturate the color by 10%, you get **1092C9**, and if you desaturate by 10%, it is **389EC9**.

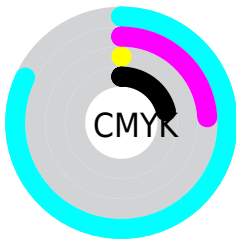
# Distribution



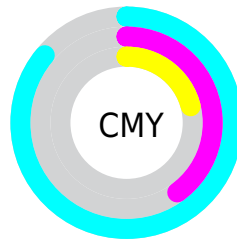
- Red (14%)
- Green (60%)
- Blue (79%)



- Red (14%)
- Yellow (41%)
- Blue (79%)



- Cyan (82%)
- Magenta (24%)
- Yellow (0%)
- Black (21%)



- Cyan (86%)
- Magenta (40%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2498C9 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 2498C9 by changing the saturation by 10% instead.



■ 2498C9

■ 2498C9

FFFFFF

■ 007EAD

■ 6DCEFF

■ 006593

■ 8CEAFF

■ 004D79

■ ABFFFF

■ 003660

■ C9FFFF

■ 002148

■ E7FFFF

■ 000431

■ 00011B

■ 000000

■ 2498C9

■ 2498C9

■ 1092C9

■ 389EC9

■ 008DC9

■ 4CA4C9

■ 60AAC9

■ 74B0C9

■ 89B6C9

■ 9DBCC9

■ B1C2C9

■ C5C8C9

■ D9CEC9

# Harmonies

## Analogous

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



009DB4



2498C9



6B8FCE

# Triad

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



2498C9



CC7487



789859

# Complementary

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



2498C9



C95524

# 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.



9B8F4D



2498C9



C87968

# Square

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



2498C9



BD78A7



B78453



4F9D74

# Rectangle

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



2498C9



8D87C7



B78453



849553

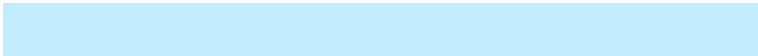


# Sweetspot

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



2498C9



BFECFF



24C953



597480



000000



808080

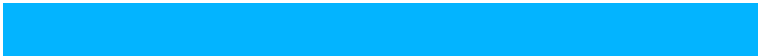


# Same Dimension

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



2498C9



03B4FF



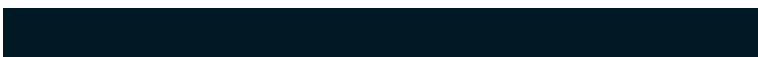
2448C9



5A6063



0073A3



001924



# Inverse Universe

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



C92498



FF03B4



C9A524



635A60



A30073



240019



# Previews

## White Background



This preview shows how the Hex color 2498C9 looks on a white background.

## Color Contrast Check

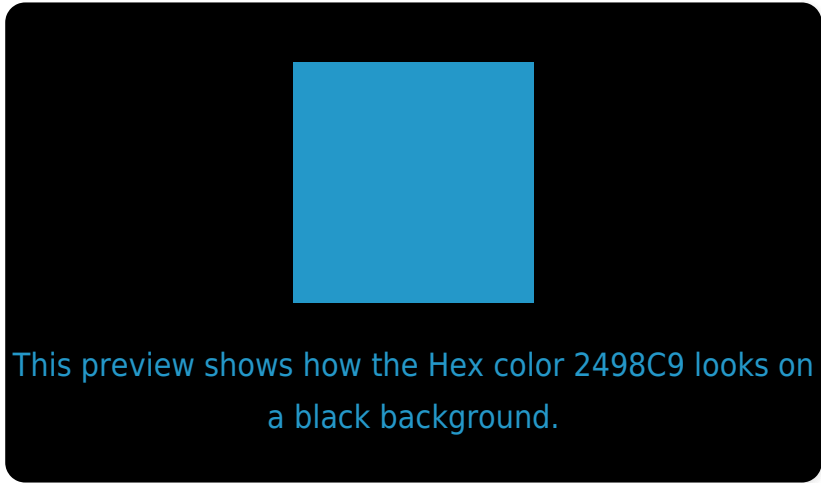
Large Text (above 18pt) WCAG AA ✓ Pass

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 2498C9 Background



This preview shows how black text looks on a background with the Hex color 2498C9.

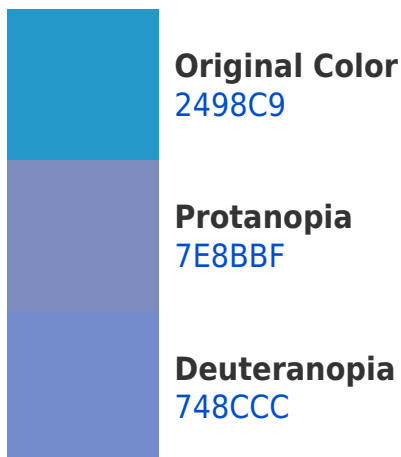


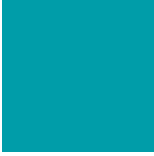
This preview shows how white text looks on a background with the Hex color 2498C9.

# 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](#).

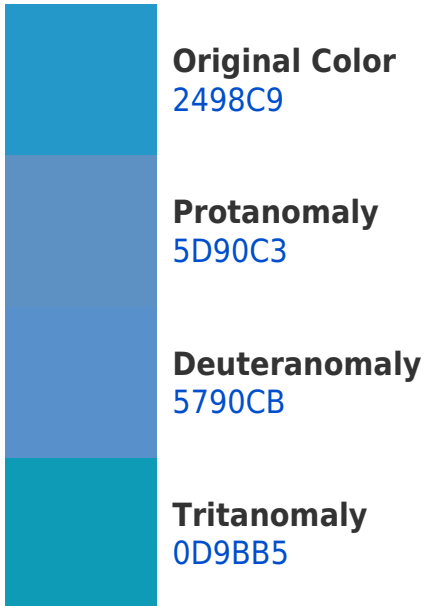
## Dichromacy



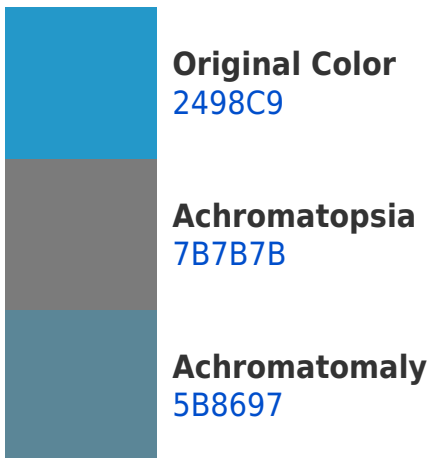


**Tritanopia**  
009DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2498C9 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 #2498C9 looks like.

```
.text, #text, p{  
    color:#2498C9  
}
```

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 #2498C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2498C9
}
```

## Border

The CSS property to change the border of an element to Hex 2498C9 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
#2498C9 }
```

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

```
.border{ border-color:#2498C9 }
```

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

Here you see how a box with a 4 pixel #2498C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2498C9; -webkit-box-shadow:4px 4px  
4px 4px #2498C9; box-shadow:4px 4px 4px  
4px #2498C9 }
```

# Background

The CSS property to change the background color of an element to Hex 2498C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2498C9 }
```

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

```
.background{ background-color:#2498C9 }
```

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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