

# Converting Colors

Hex(2378C9)

Have a look what the booklet for  
Hex(2378C9) contains.

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# Color

Hex(2378C9)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2378C9
RGB	35, 120, 201
RGB Percent	14%, 47%, 79%
CMY	0.8627, 0.5294, 0.2118
CMYK	0.83, 0.40, 0.00, 0.21
HSL	209°, 70%, 46%
HSV	209°, 83%, 79%
XYZ	17.9522, 18.0073, 57.7879
YIQ	103.8190, -76.6610, 7.1710

# Conversions

## Conversions Part 2

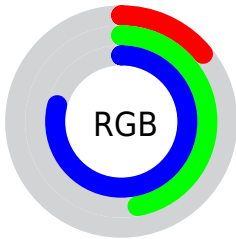
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	35, 91, 201
Decimal	2324681
CIE <sub>Lab</sub>	49.50, 4.53, -48.99
CIE <sub>LCh</sub>	50, 49.197, 275.281
Yxy	18.0073, 0.1915, 0.1921
Android (android.graphics.Color)	4280514761 (0xFF2378C9)
YUV	103.8190, 47.9102, -60.3543
Hunter-Lab	42.4350, 1.2535, -51.0365

# Details

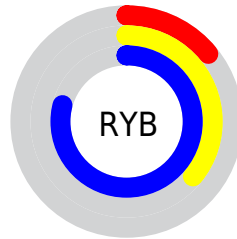
The Hex color **2378C9** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **C97423**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **6CACFF**, and **004892** is the 20% darker color. If you saturate the color by 10%, you get **0F6EC9**, and if you desaturate by 10%, it is **3782C9**.

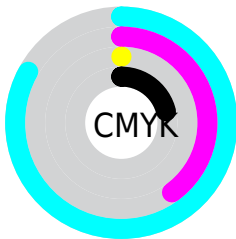
# Distribution



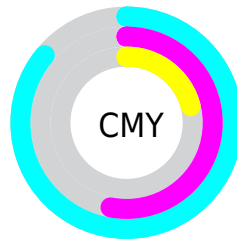
- Red (14%)
- Green (47%)
- Blue (79%)



- Red (14%)
- Yellow (36%)
- Blue (79%)



- Cyan (83%)
- Magenta (40%)
- Yellow (0%)
- Black (21%)



- Cyan (86%)
- Magenta (53%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2378C9 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 2378C9 by changing the saturation by 10% instead.



■ 2378C9

■ 2378C9

FFFFFF

■ 0060AD

■ 6CACFF

■ 004892

■ 8BC7FF

■ 003378

■ A9E3FF

■ 001F5F

■ C7FFFF

■ 000647

■ E5FFFF

■ 00042F

■ 00011A

■ 000000

■ 2378C9

■ 2378C9

0F6EC9

3782C9

0067C9

4B8CC9

5F95C9

739FC9

88A9C9

9CB3C9

B0BDC9

C4C6C9

D8D0C9

# Harmonies

## Analogous

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



0083C1



2378C9



8167BA

# Triad

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



2378C9



BD5648



028751

# Complementary

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



2378C9



C97423

# 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.



59812C



2378C9



A76728

# Square

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



2378C9



C14E70



857619



008A7C

# Rectangle

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



2378C9



A25CA6



857619



318644

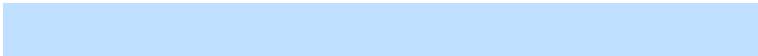


# Sweetspot

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



2378C9



BFE0FF



23C973



596D80



000000



808080



# Same Dimension

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



2378C9



0384FF



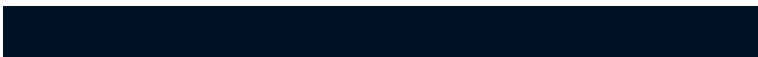
2326C9



5A5F63



0054A3



001224



# Inverse Universe

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



C92378



FF0384



C9C623



635A5F



A30054



240012



# Previews

## White Background



This preview shows how the Hex color 2378C9 looks on a white 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

# Black Background



This preview shows how the Hex color 2378C9 looks on a 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 2378C9 Background



This preview shows how black text looks on a background with the Hex color 2378C9.

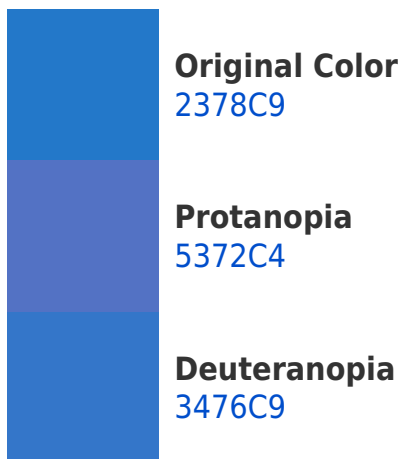


This preview shows how white text looks on a background with the Hex color 2378C9.

# 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](#).

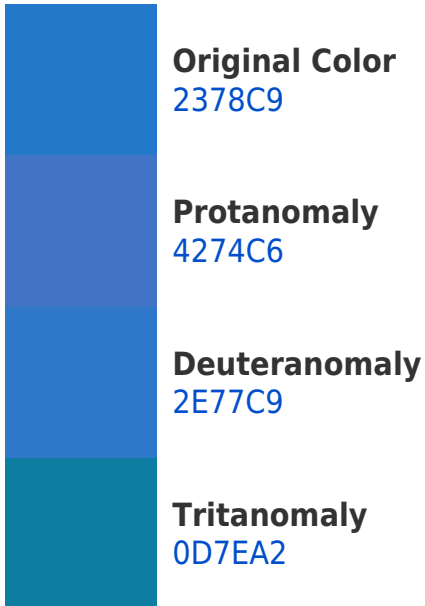
## Dichromacy





**Tritanopia**  
00828B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2378C9 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 #2378C9 looks like.

```
.text, #text, p{  
    color:#2378C9  
}
```

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 #2378C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2378C9
}
```

## Border

The CSS property to change the border of an element to Hex 2378C9 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
#2378C9 }
```

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

```
.border{ border-color:#2378C9 }
```

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

Here you see how a box with a 4 pixel #2378C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2378C9; -webkit-box-shadow:4px 4px  
4px 4px #2378C9; box-shadow:4px 4px 4px  
4px #2378C9 }
```

# Background

The CSS property to change the background color of an element to Hex 2378C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2378C9 }
```

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

```
.background{ background-color:#2378C9 }
```

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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