

Converting Colors

Hex(2449B0)

Have a look what the booklet for
Hex(2449B0) contains.

Hex(2449B0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2449B0)

Conversions

Conversions Part 1

Format	Color
Hex	2449B0
RGB	36, 73, 176
RGB Percent	14%, 29%, 69%
CMY	0.8588, 0.7137, 0.3098
CMYK	0.80, 0.59, 0.00, 0.31
HSL	224°, 66%, 42%
HSV	224°, 80%, 69%
XYZ	10.9466, 8.2747, 42.0945
YIQ	73.6790, -55.1150, 24.1890

Conversions

Conversions Part 2

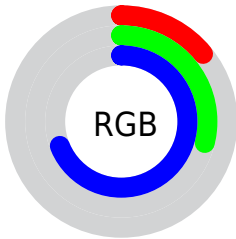
Format	Color
R _Y B	36, 65, 176
Decimal	2378160
CIE Lab	34.55, 25.38, -58.54
CIE LCh	35, 63.811, 293.442
Yxy	8.2747, 0.1785, 0.1350
Android (android.graphics.Color)	4280568240 (0xFF2449B0)
YUV	73.6790, 50.4443, -33.0445
Hunter-Lab	28.7659, 17.5862, -66.6260

Details

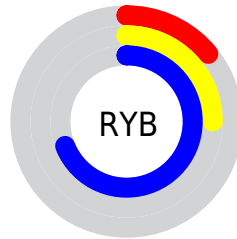
The Hex color **2449B0** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B08B24**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **6879E8**, and **001F7A** is the 20% darker color. If you saturate the color by 10%, you get **123CB0**, and if you desaturate by 10%, it is **3656B0**.

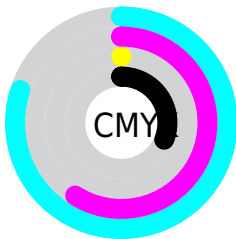
Distribution



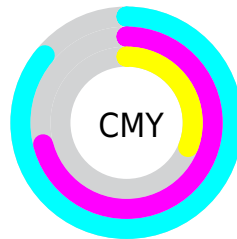
- Red (14%)
- Green (29%)
- Blue (69%)



- Red (14%)
- Yellow (25%)
- Blue (69%)



- Cyan (80%)
- Magenta (59%)
- Yellow (0%)
- Black (31%)



- Cyan (86%)
- Magenta (71%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2449B0 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 2449B0 by changing the saturation by 10% instead.

■ 2449B0

■ 2449B0

FFFFFF

■ 003395

■ 6879E8

■ 001F7A

■ 8693FF

■ 000B61

■ A3ADFF

■ 000748

■ C1C8FF

■ 000431

■ DFE4FF

■ 00011B

FDFFFF

■ 000000

■ 2449B0

■ 2449B0

■ 123CB0

■ 3656B0

012FB0

4763B0

002FB0

5970B0

6A7DB0

7C8AB0

8E97B0

9FA4B0

B1B1B0

C2BEB0

Harmonies

Analogous

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



005BB8



2449B0



812A8F

Triad

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



2449B0



913200



006544

Complementary

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



2449B0



B08B24

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.



006207



2449B0



6D4B00

Square

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



2449B0



A5032D



3E5A00



006679

Rectangle

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



2449B0



9B066F



3E5A00



006432

Sweetspot

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



2449B0



AEBDE6



24B08B



515A73



F2F2F2



737373

Same Dimension

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



2449B0



0B45E6



4524B0



505359



002899



00071A

Inverse Universe

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



B02449



E60B45



8FB024



595053



990028



1A0007

Previews

White Background



This preview shows how the Hex color 2449B0 looks on a white background.

Color Contrast Check

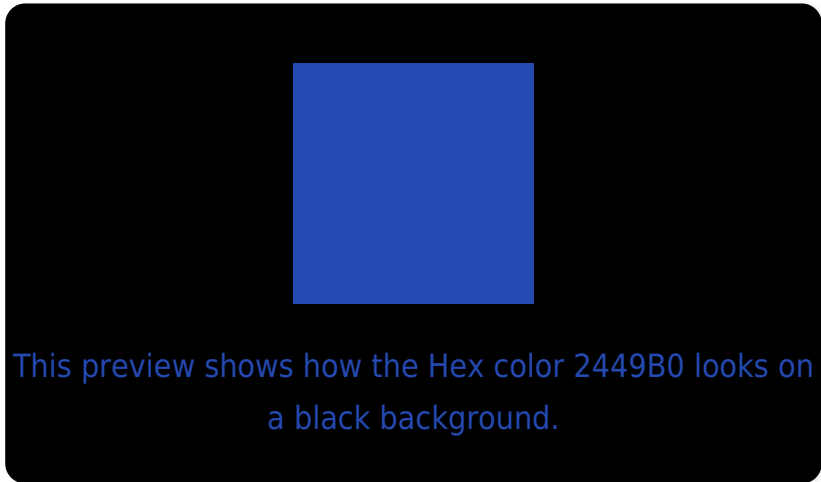
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

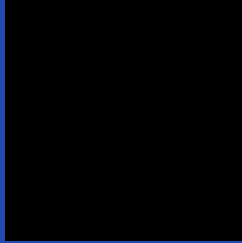
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 2449B0 Background



This preview shows how black text looks on a background with the Hex color 2449B0.

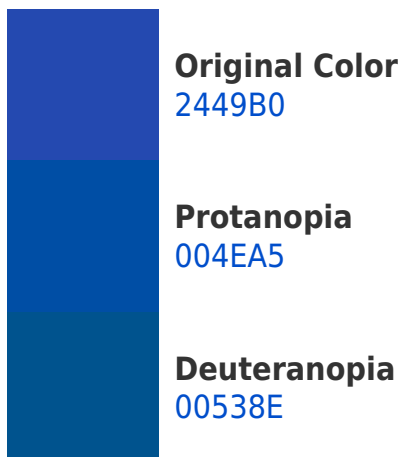


This preview shows how white text looks on a background with the Hex color 2449B0.

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
005A60

Trichromacy



Original Color
2449B0

Protanomaly
0D4CA9

Deuteranomaly
0D4F9A

Tritanomaly
0D547D

Monochromacy



Original Color
2449B0

Achromatopsia
4A4A4A

Achromatomaly
3C4A6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2449B0 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 #2449B0 looks like.

```
.text, #text, p{  
    color:#2449B0  
}
```

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 #2449B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2449B0
}
```

Border

The CSS property to change the border of an element to Hex 2449B0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

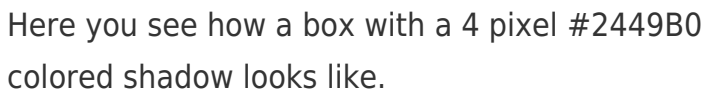
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2449B0 }
```

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

```
.border{ border-color:#2449B0 }
```

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



Here you see how a box with a 4 pixel #2449B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2449B0; -webkit-box-shadow:4px 4px  
4px 4px #2449B0; box-shadow:4px 4px 4px  
4px #2449B0 }
```

Background

The CSS property to change the background color of an element to Hex 2449B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2449B0 }
```

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

```
.background{ background-color:#2449B0 }
```

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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