

Converting Colors

Hex(2481CB)

Have a look what the booklet for
Hex(2481CB) contains.

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Color

Hex(2481CB)

Conversions

Conversions Part 1

Format	Color
Hex	2481CB
RGB	36, 129, 203
RGB Percent	14%, 51%, 80%
CMY	0.8588, 0.4941, 0.2039
CMYK	0.82, 0.36, 0.00, 0.20
HSL	207°, 70%, 47%
HSV	207°, 82%, 80%
XYZ	19.3573, 20.3874, 59.4148
YIQ	109.6290, -79.1820, 3.2980

Conversions

Conversions Part 2

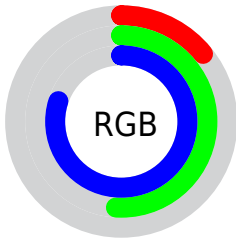
Format	Color
R _Y B	36, 96, 203
Decimal	2392523
CIE Lab	52.27, -0.10, -45.72
CIE LCh	52, 45.723, 269.871
Yxy	20.3874, 0.1952, 0.2056
Android (android.graphics.Color)	4280582603 (0xFF2481CB)
YUV	109.6290, 46.0319, -64.5726
Hunter-Lab	45.1524, -2.4918, -46.4115

Details

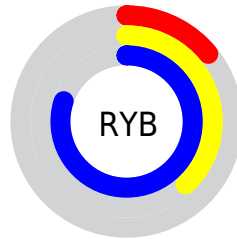
The Hex color **2481CB** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **CB6E24**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **6DB5FF**, and **005094** is the 20% darker color. If you saturate the color by 10%, you get **1078CB**, and if you desaturate by 10%, it is **388ACB**.

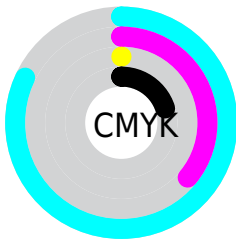
Distribution



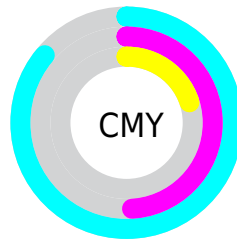
- Red (14%)
- Green (51%)
- Blue (80%)



- Red (14%)
- Yellow (38%)
- Blue (80%)



- Cyan (82%)
- Magenta (36%)
- Yellow (0%)
- Black (20%)



- Cyan (86%)
- Magenta (49%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2481CB 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 2481CB by changing the saturation by 10% instead.

 2481CB

 2481CB

FFFFFF

 0068AF

 6DB5FF

 005094

 8CD1FF

 003A7A

 AAEDFF

 002561

 C8FFFF

 001049

 E6FFFF

 000431

 00011B

 000000

 2481CB

 2481CB

■ 1078CB

■ 388ACB

■ 0071CB

■ 4D93CB

■ 619CCB

■ 75A5CB

■ 8AAECB

■ 9EB7CB

■ B2C0CB

■ C6C9CB

■ DBD2CB

Harmonies

Analogous

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



008BC0



2481CB



7E72C1

Triad

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



2481CB



C35E58



358D54

Complementary

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



2481CB



CB6E24

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.



6B8635



2481CB



B16C39

Square

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



2481CB



C35A7E



937B2A



00907B

Rectangle

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



2481CB



A068B0



937B2A



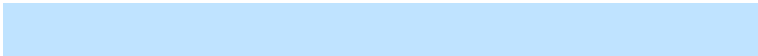
4B8B48

Sweetspot

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



2481CB



BFE3FF



24CB6C



596F80



000000



808080

Same Dimension

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



2481CB



038FFF



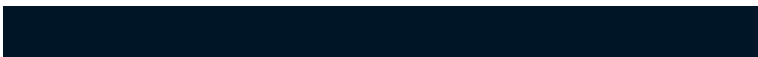
242FCB



5C6166



005CA6



001526

Inverse Universe

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



CB2481



FF038F



CBC024



665C61



A6005C



260015

Previews

White Background



This preview shows how the Hex color 2481CB looks on a white background.

Color Contrast Check

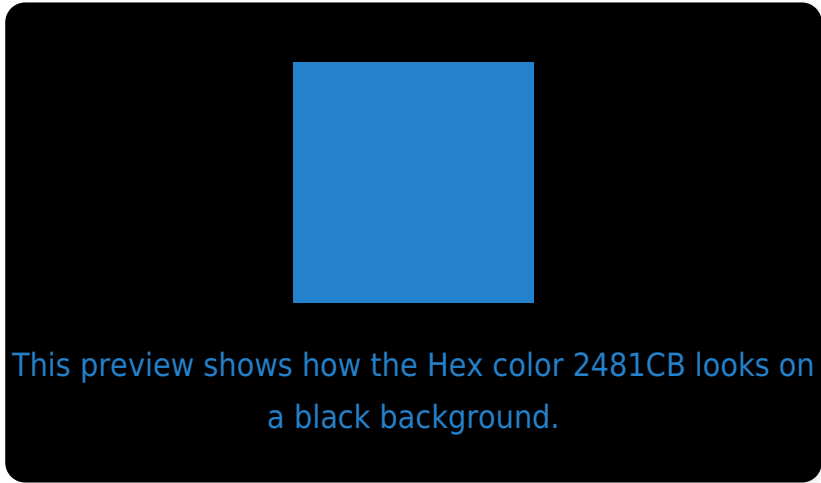
Large Text (above 18pt) WCAG AA ✓ Pass

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

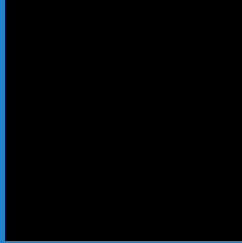
Any Text WCAG AA ✓ Pass

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 2481CB Background



This preview shows how black text looks on a background with the Hex color 2481CB.

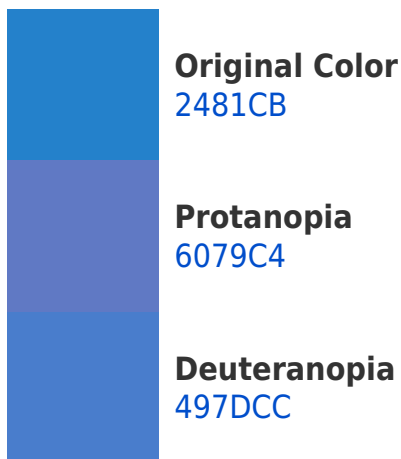


This preview shows how white text looks on a background with the Hex color 2481CB.

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](#).

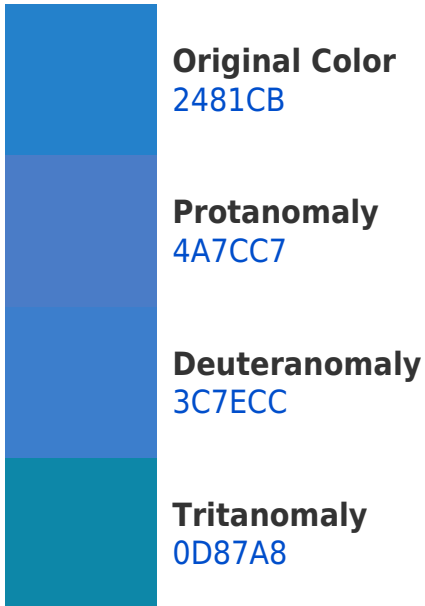
Dichromacy



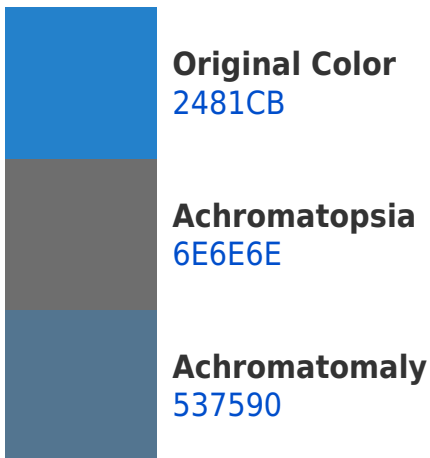


Tritanopia
008A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2481CB 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 #2481CB looks like.

```
.text, #text, p{  
    color:#2481CB  
}
```

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 #2481CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2481CB
}
```

Border

The CSS property to change the border of an element to Hex 2481CB 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
#2481CB }
```

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

```
.border{ border-color:#2481CB }
```

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

Here you see how a box with a 4 pixel #2481CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2481CB; -webkit-box-shadow:4px 4px  
4px 4px #2481CB; box-shadow:4px 4px 4px  
4px #2481CB }
```

Background

The CSS property to change the background color of an element to Hex 2481CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2481CB }
```

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

```
.background{ background-color:#2481CB }
```

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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