

Converting Colors

Hex(2463CB)

Have a look what the booklet for
Hex(2463CB) contains.

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Color

Hex(2463CB)

Conversions

Conversions Part 1

Format	Color
Hex	2463CB
RGB	36, 99, 203
RGB Percent	14%, 39%, 80%
CMY	0.8588, 0.6118, 0.2039
CMYK	0.82, 0.51, 0.00, 0.20
HSL	217°, 70%, 47%
HSV	217°, 82%, 80%
XYZ	15.9689, 13.6105, 58.2854
YIQ	92.0190, -70.9320, 18.9880

Conversions

Conversions Part 2

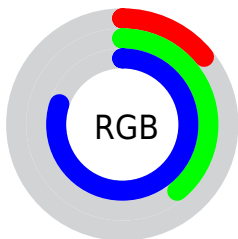
Format	Color
R _Y B	36, 82, 203
Decimal	2384843
CIE Lab	43.67, 18.70, -59.51
CIE LCh	44, 62.383, 287.447
Yxy	13.6105, 0.1817, 0.1549
Android (android.graphics.Color)	4280574923 (0xFF2463CB)
YUV	92.0190, 54.7136, -49.1287
Hunter-Lab	36.8925, 12.7018, -67.8458

Details

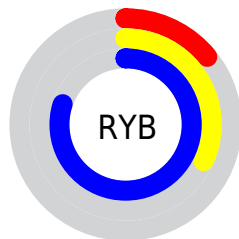
The Hex color **2463CB** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **CB8C24**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **6D95FF**, and **003694** is the 20% darker color. If you saturate the color by 10%, you get **1056CB**, and if you desaturate by 10%, it is **3870CB**.

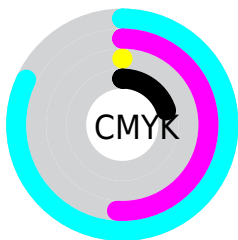
Distribution



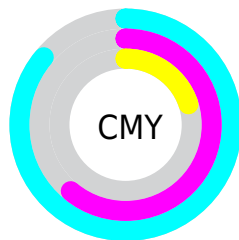
- Red (14%)
- Green (39%)
- Blue (80%)



- Red (14%)
- Yellow (32%)
- Blue (80%)



- Cyan (82%)
- Magenta (51%)
- Yellow (0%)
- Black (20%)



- Cyan (86%)
- Magenta (61%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2463CB 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 2463CB by changing the saturation by 10% instead.

 2463CB

 2463CB

FFFFFF

 004CAF

 6D95FF

 003694

 8CB0FF

 00227A

 ABCBFF

 000D60

 C9E7FF

 000847

 E7FFFF

 000430

 00011A

 000000

 2463CB

 2463CB

■ 1056CB

■ 3870CB

■ 004DCB

■ 4D7CCB

■ 6189CB

■ 7596CB

■ 8AA2CB

■ 9EAFCB

■ B2BBCB

■ C6C8CB

■ DBD5CB

Harmonies

Analogous

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



0074CD



2463CB



8E49AE

Triad

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



2463CB



B1451A



007D4F

Complementary

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



2463CB



CB8C24

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.



167817



2463CB



8F5D00

Square

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



2463CB



C12B4C



616E00



007E85

Rectangle

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



2463CB



AE3690



616E00



007B3D

Sweetspot

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



2463CB



BFD7FF



24CB8B



596880



000000



808080

Same Dimension

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



2463CB



0362FF



3724CB



5C6066



003FA6



000E26

Inverse Universe

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



CB2463



FF0362



B8CB24



665C60



A6003F



26000E

Previews

White Background



This preview shows how the Hex color 2463CB looks on a white background.

Color Contrast Check

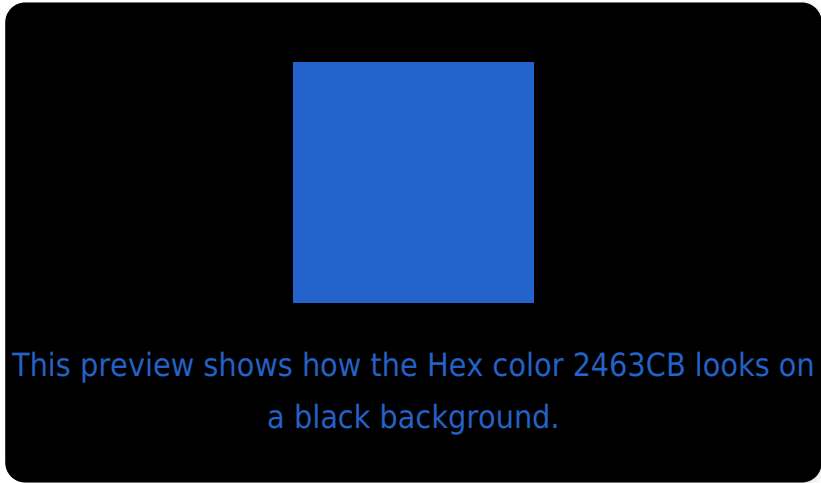
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

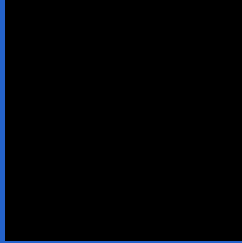
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

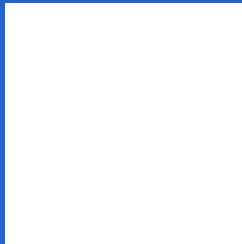
Any Text WCAG AAA × Fail

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

Hex 2463CB Background



This preview shows how black text looks on a background with the Hex color 2463CB.



This preview shows how white text looks on a background with the Hex color 2463CB.

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](#).

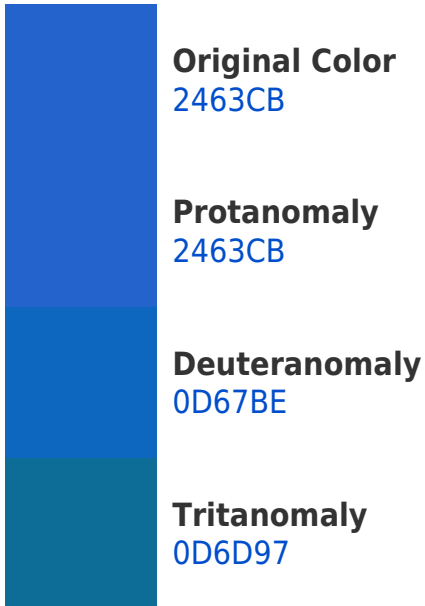
Dichromacy



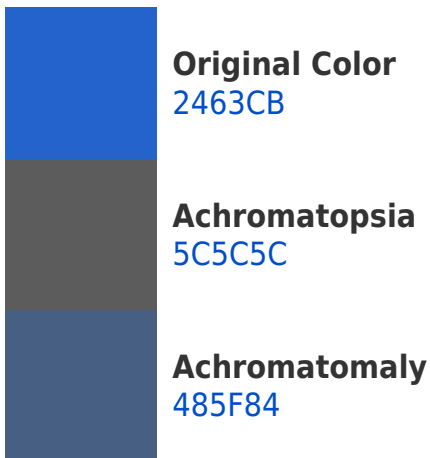


Tritanopia
00727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2463CB 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 #2463CB looks like.

```
.text, #text, p{  
    color:#2463CB  
}
```

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 #2463CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2463CB
}
```

Border

The CSS property to change the border of an element to Hex 2463CB is called "border". The border property can be set on classes, ids or directly on the HTML element.

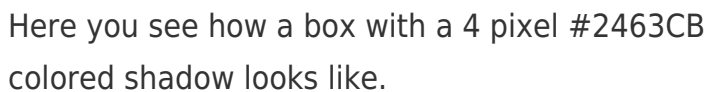
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2463CB }
```

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

```
.border{ border-color:#2463CB }
```

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



Here you see how a box with a 4 pixel #2463CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2463CB; -webkit-box-shadow:4px 4px  
4px 4px #2463CB; box-shadow:4px 4px 4px  
4px #2463CB }
```

Background

The CSS property to change the background color of an element to Hex 2463CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2463CB }
```

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

```
.background{ background-color:#2463CB }
```

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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