

Converting Colors

Hex(6483C3)

Have a look what the booklet for
Hex(6483C3) contains.

| | |
|--|----|
| Hex(6483C3) | 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(6483C3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 6483C3 |
| RGB | 100, 131, 195 |
| RGB Percent | 39%, 51%, 76% |
| CMY | 0.6078, 0.4863, 0.2353 |
| CMYK | 0.49, 0.33, 0.00, 0.24 |
| HSL | 220°, 44%, 58% |
| HSV | 220°, 49%, 76% |
| XYZ | 23.2222, 22.8821, 54.8225 |
| YIQ | 129.0270, -39.0200, 13.3320 |

Conversions

Conversions Part 2

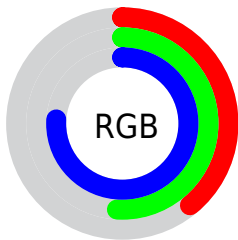
| Format | Color |
|-------------------------------------|---|
| RYB | 100, 123, 195 |
| Decimal | 6587331 |
| CIELab | 54.95, 6.76, -36.78 |
| CIElCh | 55, 37.396, 280.408 |
| Yxy | 22.8821, 0.2301, 0.2267 |
| Android (android.graphics.Color) | 4284777411 (0xFF6483C3) |
| YUV | 129.0270, 32.5247, -25.4567 |
| Hunter-Lab | 47.8352, 2.9433, -34.4659 |

Details

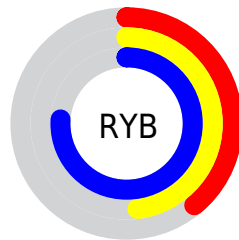
The Hex color **6483C3** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **C3A464**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **9BB8FC**, and **2B528D** is the 20% darker color. If you saturate the color by 10%, you get **5076C3**, and if you desaturate by 10%, it is **7890C3**.

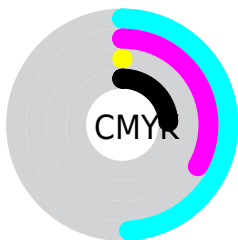
Distribution



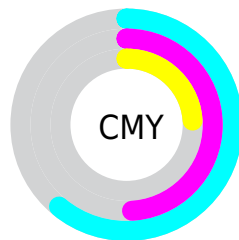
- Red (39%)
- Green (51%)
- Blue (76%)



- Red (39%)
- Yellow (48%)
- Blue (76%)



- Cyan (49%)
- Magenta (33%)
- Yellow (0%)
- Black (24%)



- Cyan (61%)
- Magenta (49%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6483C3 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 6483C3 by changing the saturation by 10% instead.

■ 6483C3

■ 6483C3

FFFFFF

■ 486AA8

■ 9BB8FC

■ 2B528D

■ B8D3FF

■ 003B73

■ D4F0FF

■ 00265A

■ F2FFFF

■ 001142

■ 00032C

■ 000116

■ 000000

■ 6483C3

■ 6483C3

■ 5076C3

■ 7890C3

■ 3D69C3

■ 8B9DC3

■ 2A5CC3

■ 9EAAC3

■ 164EC3

■ B2B8C3

■ 0341C3

■ C5C5C3

■ 0040C3

■ D9D2C3

■ EDDFC3

■ FFECC3

■ FFF9C3

Harmonies

Analogous

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



0E8DC0



6483C3



9577B5

Triad

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



6483C3



BC6F5B



3D936D

Complementary

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



6483C3



C3A464

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.



698E51



6483C3



A97A46

Square

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



6483C3



C16979



8D8542



00948E

Rectangle

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



6483C3



AC6FA4



8D8542



4E9162

Sweetspot

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



6483C3



D7E3FC



64C3A3



697080



000000



808080

Same Dimension

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



6483C3



6A9AFC



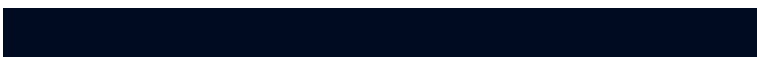
7464C3



575A61



0034A1



000B21

Inverse Universe

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



C36483



FC6A9A



B3C364



61575A



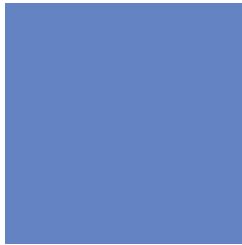
A10034



21000B

Previews

White Background



This preview shows how the Hex color 6483C3 looks on a white background.

Color Contrast Check

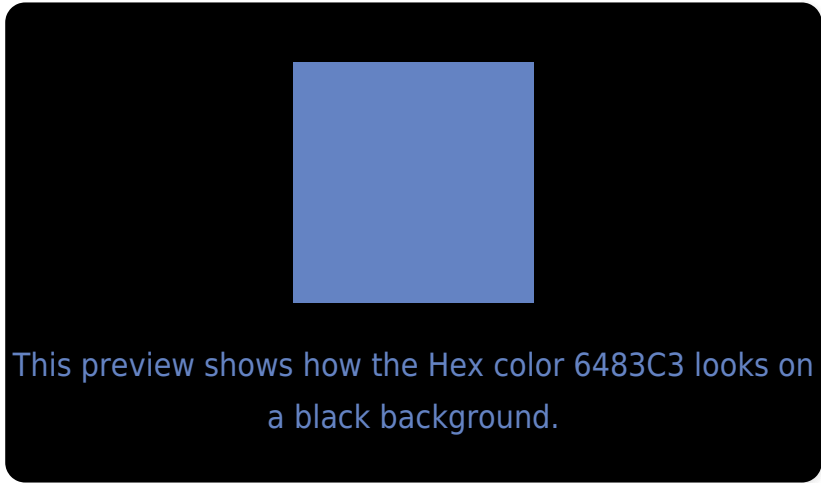
Large Text (above 18pt) WCAG AA ✓ Pass

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

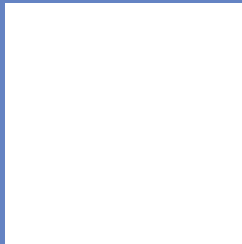
Any Text WCAG AAA × Fail

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

Hex 6483C3 Background



This preview shows how black text looks on a background with the Hex color 6483C3.

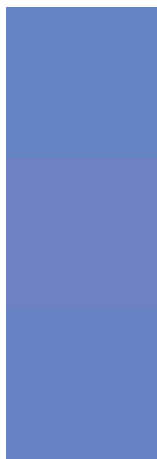


This preview shows how white text looks on a background with the Hex color 6483C3.

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



Original Color
6483C3

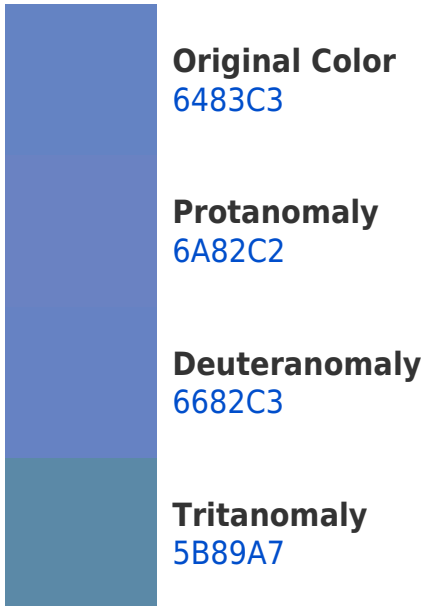
Protanopia
6E81C1

Deuteranopia
6782C3

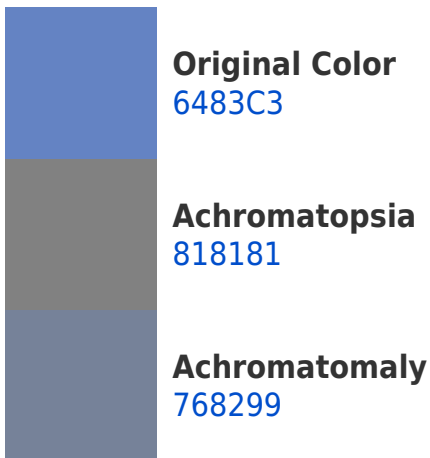


Tritanopia
568C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6483C3 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 #6483C3 looks like.

```
.text, #text, p{  
    color:#6483C3  
}
```

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 #6483C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6483C3
}
```

Border

The CSS property to change the border of an element to Hex 6483C3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

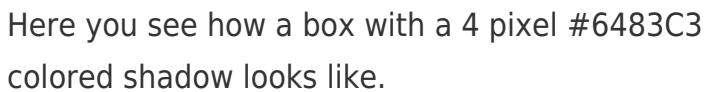
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6483C3 }
```

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

```
.border{ border-color:#6483C3 }
```

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



Here you see how a box with a 4 pixel #6483C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6483C3; -webkit-box-shadow:4px 4px  
4px 4px #6483C3; box-shadow:4px 4px 4px  
4px #6483C3 }
```

Background

The CSS property to change the background color of an element to Hex 6483C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6483C3 }
```

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

```
.background{ background-color:#6483C3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor