

Converting Colors

Hex(6371C3)

Have a look what the booklet for
Hex(6371C3) contains.

Hex(6371C3)	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(6371C3)

Conversions

Conversions Part 1

Format	Color
Hex	6371C3
RGB	99, 113, 195
RGB Percent	39%, 44%, 76%
CMY	0.6118, 0.5569, 0.2353
CMYK	0.49, 0.42, 0.00, 0.24
HSL	231°, 44%, 58%
HSV	231°, 49%, 76%
XYZ	20.9010, 18.4030, 54.0803
YIQ	118.1620, -34.6660, 22.5340

Conversions

Conversions Part 2

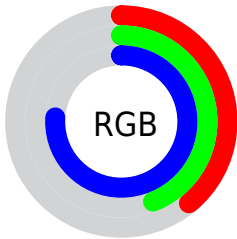
Format	Color
R_{YB}	99, 111, 195
Decimal	6517187
CIE _{Lab}	49.98, 17.39, -44.63
CIE _{LCh}	50, 47.897, 291.293
Yxy	18.4030, 0.2238, 0.1971
Android (android.graphics.Color)	4284707267 (0xFF6371C3)
YUV	118.1620, 37.8811, -16.8051
Hunter-Lab	42.8988, 11.8956, -44.7148

Details

The Hex color **6371C3** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C3B563**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **9BA5FC**, and **29428D** is the 20% darker color. If you saturate the color by 10%, you get **4F60C3**, and if you desaturate by 10%, it is **7782C3**.

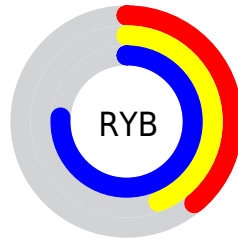
Distribution



Red (39%)

Green (44%)

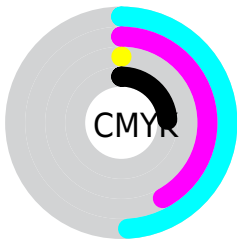
Blue (76%)



Red (39%)

Yellow (44%)

Blue (76%)

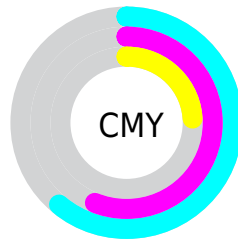


Cyan (49%)

Magenta (42%)

Yellow (0%)

Black (24%)



Cyan (61%)

Magenta (56%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6371C3 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 6371C3 by changing the saturation by 10% instead.

■ 6371C3

■ 6371C3

FFFFFF

■ 4759A7

■ 9BA5FC

■ 29428D

■ B7C0FF

■ 002C73

■ D4DBFF

■ 00185A

■ F1F8FF

■ 000042

■ 00032B

■ 000115

■ 000000

■ 6371C3

■ 6371C3

■ 4F60C3

■ 7782C3

■ 3C50C3

■ 8A92C3

■ 293FC3

■ 9EA3C3

■ 152EC3

■ B1B4C3

■ 021EC3

■ C4C4C3

■ 001CC3

■ D8D5C3

■ ECE6C3

■ FFF6C3

■ FFFFC3

Harmonies

Analogous

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



007FC7



6371C3



9D60AA

Triad

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



6371C3



B36138



008A69

Complementary

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



6371C3



C3B563

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.



3E8641



6371C3



977121

Square

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



6371C3



C1545C



717D24



008B93

Rectangle

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



6371C3



B45692



717D24



00895B

Sweetspot

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



6371C3



D7DCFC



63C3B5



696C80



000000



808080

Same Dimension

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



6371C3



687DFC



8563C3



575961



0017A1



000521

Inverse Universe

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



C36371



FC687D



A1C363



615759



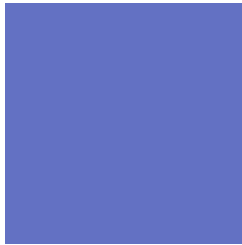
A10017



210005

Previews

White Background



This preview shows how the Hex color 6371C3 looks on a white background.

Color Contrast Check

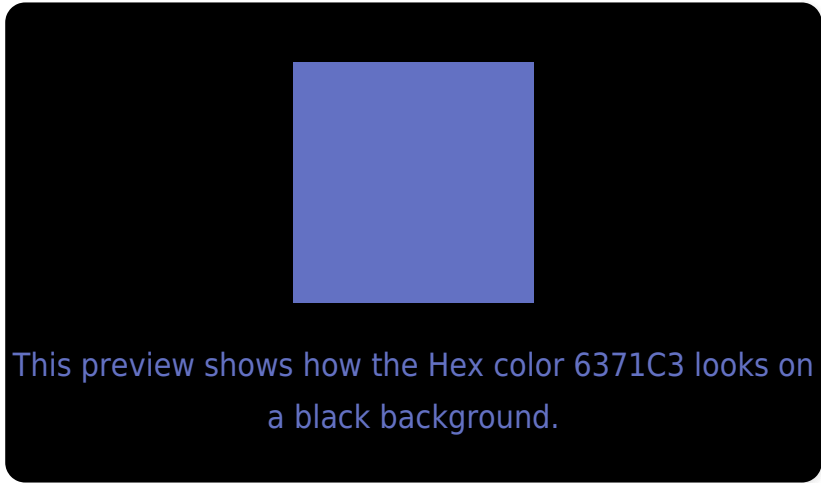
Large Text (above 18pt) WCAG AA ✓ Pass

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

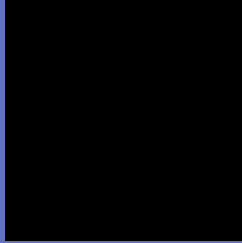
Any Text WCAG AA ✓ Pass

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 6371C3 Background



This preview shows how black text looks on a background with the Hex color 6371C3.

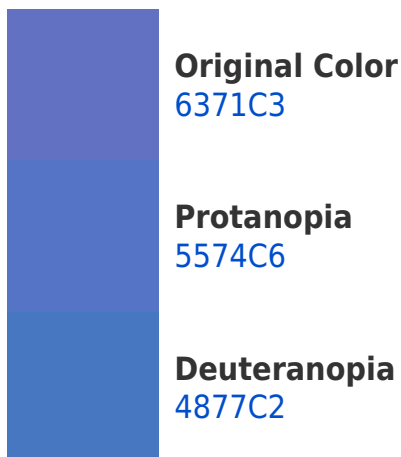


This preview shows how white text looks on a background with the Hex color 6371C3.

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](#).

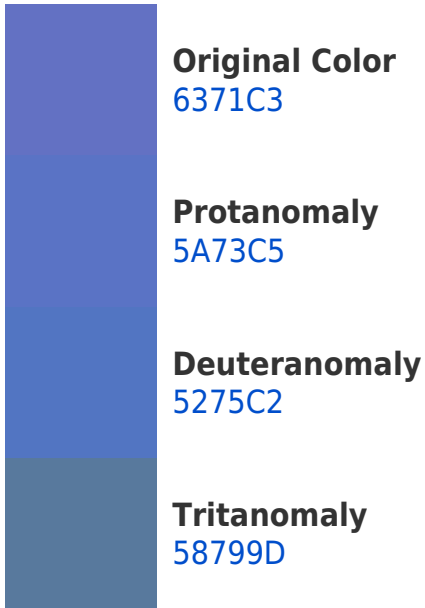
Dichromacy





Tritanopia
517E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6371C3 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 #6371C3 looks like.

```
.text, #text, p{  
    color:#6371C3  
}
```

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 #6371C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6371C3
}
```

Border

The CSS property to change the border of an element to Hex 6371C3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

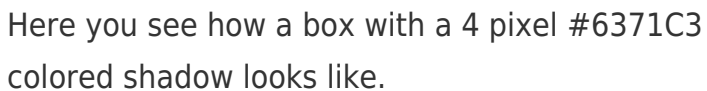
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6371C3 }
```

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

```
.border{ border-color:#6371C3 }
```

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



Here you see how a box with a 4 pixel #6371C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6371C3; -webkit-box-shadow:4px 4px  
4px 4px #6371C3; box-shadow:4px 4px 4px  
4px #6371C3 }
```

Background

The CSS property to change the background color of an element to Hex 6371C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6371C3 }
```

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

```
.background{ background-color:#6371C3 }
```

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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