

Converting Colors

Hex(6475C9)

Have a look what the booklet for
Hex(6475C9) contains.

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Color

Hex(6475C9)

Conversions

Conversions Part 1

Format	Color
Hex	6475C9
RGB	100, 117, 201
RGB Percent	39%, 46%, 79%
CMY	0.6078, 0.5412, 0.2118
CMYK	0.50, 0.42, 0.00, 0.21
HSL	230°, 48%, 59%
HSV	230°, 50%, 79%
XYZ	22.1594, 19.6490, 57.8830
YIQ	121.4930, -37.0960, 22.5200

Conversions

Conversions Part 2

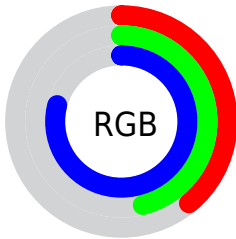
Format	Color
RYB	100, 115, 201
Decimal	6583753
CIELab	51.44, 17.05, -45.74
CIELCh	51, 48.820, 290.446
Yxy	19.6490, 0.2223, 0.1971
Android (android.graphics.Color)	4284773833 (0xFF6475C9)
YUV	121.4930, 39.1970, -18.8494
Hunter-Lab	44.3271, 11.6609, -46.3928

Details

The Hex color **6475C9** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C9B864**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **9CA9FF**, and **294592** is the 20% darker color. If you saturate the color by 10%, you get **5064C9**, and if you desaturate by 10%, it is **7886C9**.

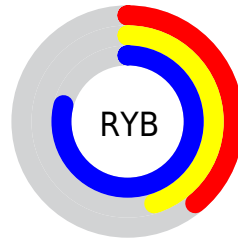
Distribution



Red (39%)

Green (46%)

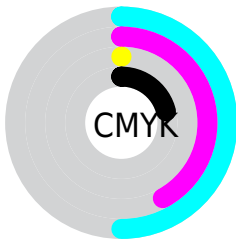
Blue (79%)



Red (39%)

Yellow (45%)

Blue (79%)

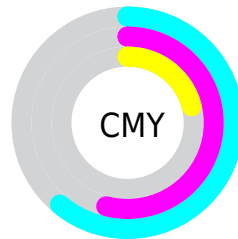


Cyan (50%)

Magenta (42%)

Yellow (0%)

Black (21%)



Cyan (61%)

Magenta (54%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6475C9 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 6475C9 by changing the saturation by 10% instead.

■ 6475C9

■ 6475C9

FFFFFF

■ 485DAD

■ 9CA9FF

■ 294592

■ B9C4FF

■ 002F78

■ D6E0FF

■ 001B5F

■ F3FCFF

■ 000047

■ 00042F

■ 00011A

■ 000000

■ 6475C9

■ 6475C9

■ 5064C9

■ 7886C9

■ 3C54C9

■ 8C96C9

■ 2843C9

■ A0A7C9

■ 1432C9

■ B4B8C9

■ 0022C9

■ C9C9C9

■ DDD9C9

■ F1EAC9

■ FFFBC9

■ FFFFC9

Harmonies

Analogous

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



0083CD



6475C9



A063B0

Triad

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



6475C9



B9633B



008E6B

Complementary

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



6475C9



C9B864

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.



428A43



6475C9



9C7423

Square

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



6475C9



C75660



758126



008F96

Rectangle

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



6475C9



B85997



758126



008D5D

Sweetspot

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



6475C9



D9DFFF



64C9B6



696C80



000000



808080

Same Dimension

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



6475C9



6680FF



8464C9



5A5B63



001BA3



000624

Inverse Universe

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



C96475



FF6680



A9C964



635A5B



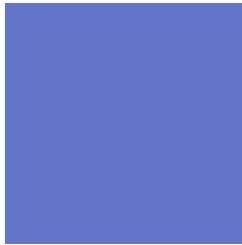
A3001B



240006

Previews

White Background



This preview shows how the Hex color 6475C9 looks on a white background.

Color Contrast Check

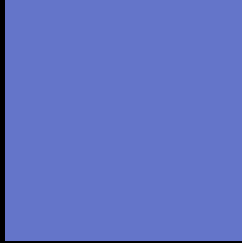
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6475C9 looks on a 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 6475C9 Background



This preview shows how black text looks on a background with the Hex color 6475C9.

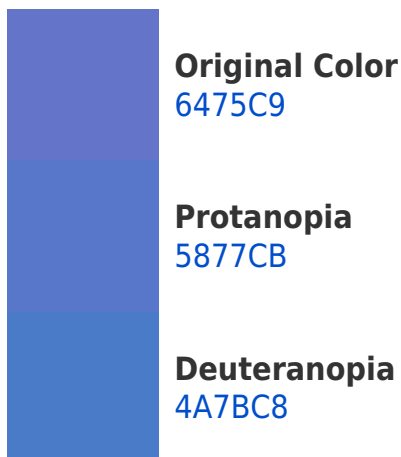



This preview shows how white text looks on a background with the Hex color 6475C9.

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](#).

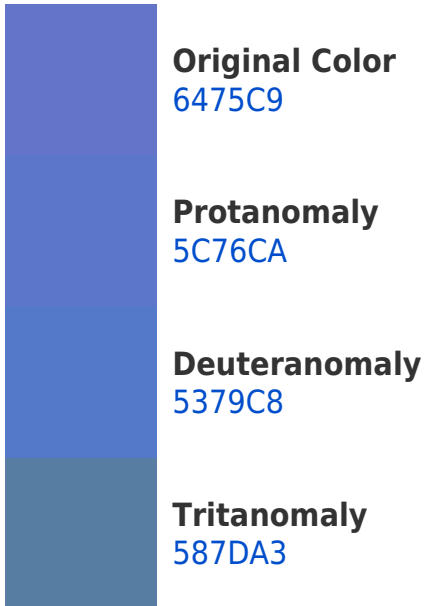
Dichromacy





Tritanopia
51828D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6475C9 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 #6475C9 looks like.

```
.text, #text, p{  
    color:#6475C9  
}
```

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 #6475C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6475C9
}
```

Border

The CSS property to change the border of an element to Hex 6475C9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

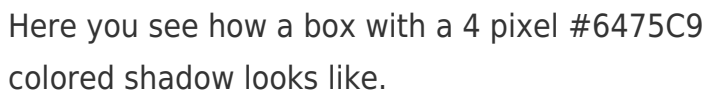
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6475C9 }
```

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

```
.border{ border-color:#6475C9 }
```

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



Here you see how a box with a 4 pixel #6475C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6475C9; -webkit-box-shadow:4px 4px  
4px 4px #6475C9; box-shadow:4px 4px 4px  
4px #6475C9 }
```

Background

The CSS property to change the background color of an element to Hex 6475C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6475C9 }
```

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

```
.background{ background-color:#6475C9 }
```

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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