

Converting Colors

Hex(6473C4)

Have a look what the booklet for
Hex(6473C4) contains.

Hex(6473C4)	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(6473C4)

Conversions

Conversions Part 1

Format	Color
Hex	6473C4
RGB	100, 115, 196
RGB Percent	39%, 45%, 77%
CMY	0.6078, 0.5490, 0.2314
CMYK	0.49, 0.41, 0.00, 0.23
HSL	231°, 45%, 58%
HSV	231°, 49%, 77%
XYZ	21.3501, 18.9563, 54.7582
YIQ	119.7490, -34.9410, 22.0110

Conversions

Conversions Part 2

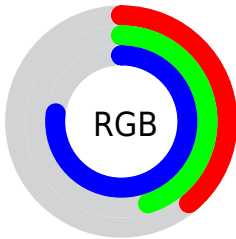
Format	Color
R_{YB}	100, 113, 196
Decimal	6583236
CIE _{Lab}	50.64, 16.72, -44.16
CIE _{LCh}	51, 47.216, 290.736
Yxy	18.9563, 0.2246, 0.1994
Android (android.graphics.Color)	4284773316 (0xFF6473C4)
YUV	119.7490, 37.5917, -17.3199
Hunter-Lab	43.5389, 11.3377, -44.0910

Details

The Hex color **6473C4** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C4B564**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **9CA7FD**, and **2A438E** is the 20% darker color. If you saturate the color by 10%, you get **5062C4**, and if you desaturate by 10%, it is **7884C4**.

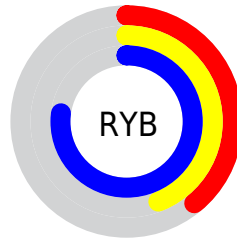
Distribution



Red (39%)

Green (45%)

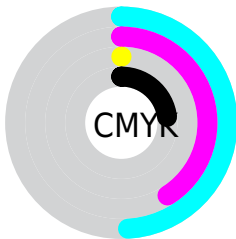
Blue (77%)



Red (39%)

Yellow (44%)

Blue (77%)

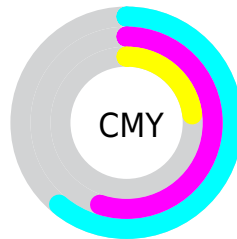


Cyan (49%)

Magenta (41%)

Yellow (0%)

Black (23%)



Cyan (61%)

Magenta (55%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6473C4 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 6473C4 by changing the saturation by 10% instead.

■ 6473C4

■ 6473C4

FFFFFF

■ 485BA8

■ 9CA7FD

■ 2A438E

■ B8C2FF

■ 002E74

■ D5DEFF

■ 001A5B

■ F2FAFF

■ 000043

■ 00032C

■ 000116

■ 000000

■ 6473C4

■ 6473C4

■ 5062C4

■ 7884C4

■ 3D52C4

■ 8B94C4

■ 2941C4

■ 9FA5C4

■ 1631C4

■ B2B5C4

■ 0220C4

■ C6C6C4

■ 001FC4

■ DAD6C4

■ EDE7C4

■ FFF7C4

■ FFFFC4

Harmonies

Analogous

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



0081C8



6473C4



9D62AC

Triad

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



6473C4



B5623B



008B6A

Complementary

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



6473C4



C4B564

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.



428743



6473C4



997224

Square

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



6473C4



C2565E



737F27



008C94

Rectangle

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



6473C4



B45994



737F27



008A5D

Sweetspot

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



6473C4



D9DFFF



64C4B4



696C80



000000



808080

Same Dimension

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



6473C4



6980FF



8464C4



575961



0019A1



000521

Inverse Universe

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



C46473



FF6980



A4C464



615759



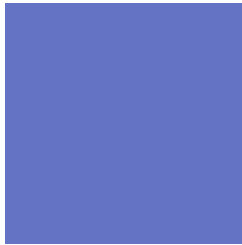
A10019



210005

Previews

White Background



This preview shows how the Hex color 6473C4 looks on a white background.

Color Contrast Check

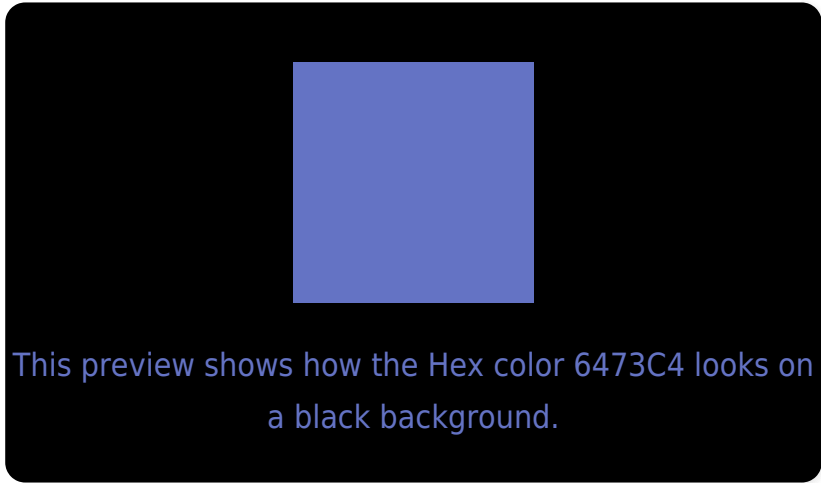
Large Text (above 18pt) WCAG AA ✓ Pass

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 6473C4 Background



This preview shows how black text looks on a background with the Hex color 6473C4.

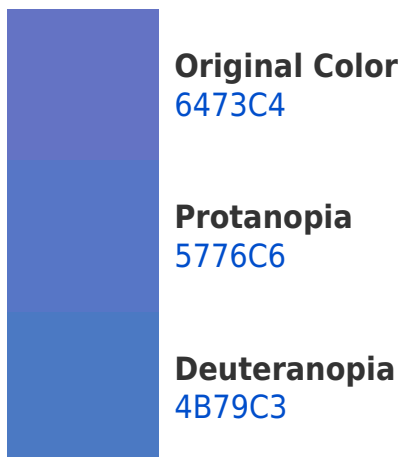


This preview shows how white text looks on a background with the Hex color 6473C4.

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](#).

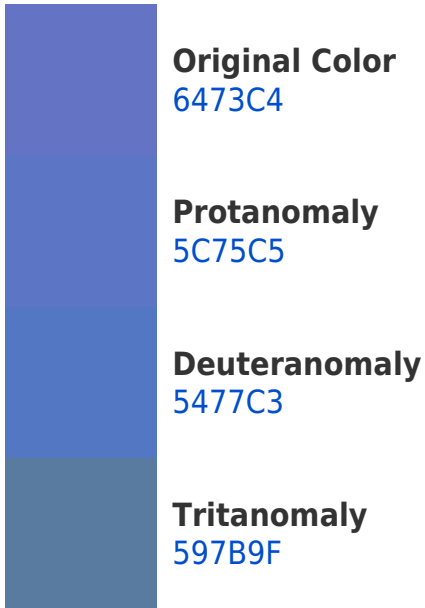
Dichromacy





Tritanopia
52808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6473C4 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 #6473C4 looks like.

```
.text, #text, p{  
    color:#6473C4  
}
```

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 #6473C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6473C4
}
```

Border

The CSS property to change the border of an element to Hex 6473C4 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
#6473C4 }
```

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

```
.border{ border-color:#6473C4 }
```

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

Here you see how a box with a 4 pixel #6473C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6473C4; -webkit-box-shadow:4px 4px  
4px 4px #6473C4; box-shadow:4px 4px 4px  
4px #6473C4 }
```

Background

The CSS property to change the background color of an element to Hex 6473C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6473C4 }
```

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

```
.background{ background-color:#6473C4 }
```

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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