

Converting Colors

Hex(6472C6)

Have a look what the booklet for
Hex(6472C6) contains.

Hex(6472C6)	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(6472C6)

Conversions

Conversions Part 1

Format	Color
Hex	6472C6
RGB	100, 114, 198
RGB Percent	39%, 45%, 78%
CMY	0.6078, 0.5529, 0.2235
CMYK	0.49, 0.42, 0.00, 0.22
HSL	231°, 46%, 58%
HSV	231°, 49%, 78%
XYZ	21.4659, 18.8212, 55.9276
YIQ	119.3900, -35.3080, 23.1560

Conversions

Conversions Part 2

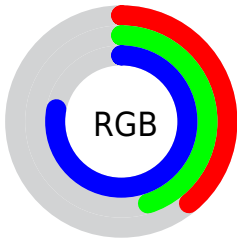
Format	Color
R_{YB}	100, 112, 198
Decimal	6582982
CIE _{Lab}	50.48, 17.95, -45.56
CIE _{LCh}	50, 48.964, 291.506
Yxy	18.8212, 0.2231, 0.1956
Android (android.graphics.Color)	4284773062 (0xFF6472C6)
YUV	119.3900, 38.7547, -17.0050
Hunter-Lab	43.3834, 12.4001, -46.0652

Details

The Hex color **6472C6** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C6B864**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **9CA6FF**, and **2A4290** is the 20% darker color. If you saturate the color by 10%, you get **5061C6**, and if you desaturate by 10%, it is **7883C6**.

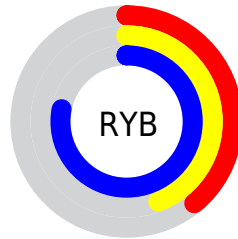
Distribution



Red (39%)

Green (45%)

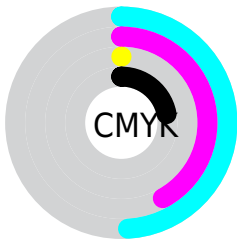
Blue (78%)



Red (39%)

Yellow (44%)

Blue (78%)

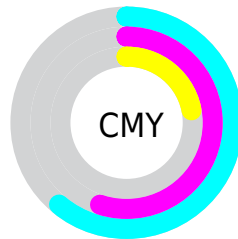


Cyan (49%)

Magenta (42%)

Yellow (0%)

Black (22%)



Cyan (61%)

Magenta (55%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6472C6 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 6472C6 by changing the saturation by 10% instead.

■ 6472C6

■ 6472C6

FFFFFF

■ 485AAA

■ 9CA6FF

■ 2A4290

■ B8C1FF

■ 002D75

■ D5DDFF

■ 00195C

■ F3F9FF

■ 000044

■ 00032D

■ 000117

■ 000000

■ 6472C6

■ 6472C6

■ 5061C6

■ 7883C6

■ 3C50C6

■ 8C94C6

■ 293FC6

■ 9FA5C6

■ 152EC6

■ B3B6C6

■ 011DC6

■ C7C7C6

■ 001CC6

■ DBD8C6

■ EFE9C6

■ FFFAC6

■ FFFFC6

Harmonies

Analogous

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



0080CB



6472C6



9F60AD

Triad

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



6472C6



B66138



008C6A

Complementary

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



6472C6



C6B864

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.



3D8742



6472C6



98721F

Square

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



6472C6



C4545C



717F23



008C95

Rectangle

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



6472C6



B75694



717F23



008B5C

Sweetspot

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



6472C6



D9DEFF



64C6B7



696C80



000000



808080

Same Dimension

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



6472C6



697EFF



8664C6



5A5B63



0017A3



000524

Inverse Universe

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



C66472



FF697E



A4C664



635A5B



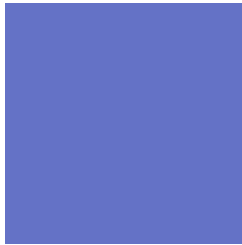
A30017



240005

Previews

White Background



This preview shows how the Hex color 6472C6 looks on a white background.

Color Contrast Check

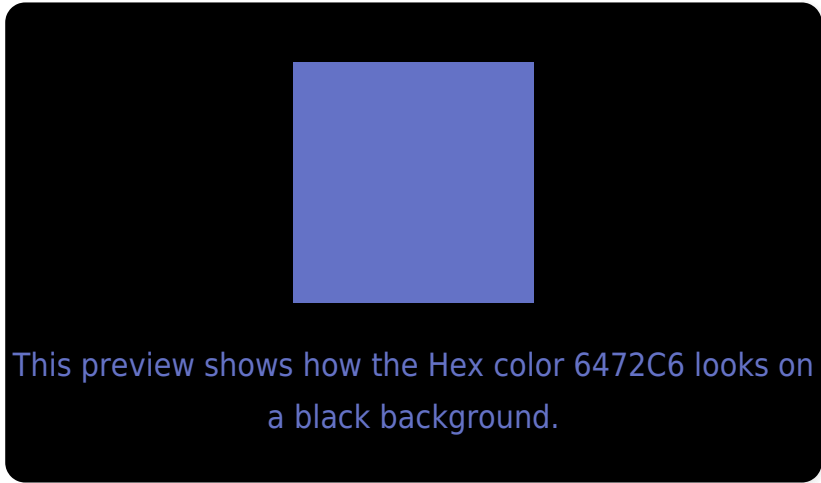
Large Text (above 18pt) WCAG AA ✓ Pass

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

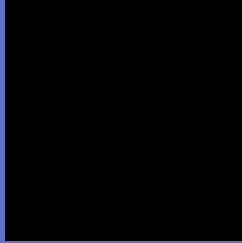
Any Text WCAG AA ✓ Pass

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 6472C6 Background



This preview shows how black text looks on a background with the Hex color 6472C6.

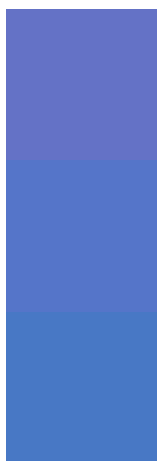


This preview shows how white text looks on a background with the Hex color 6472C6.

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
6472C6

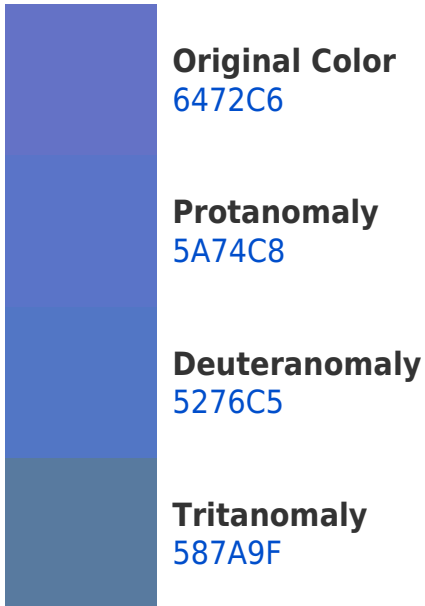
Protanopia
5575C9

Deuteranopia
4878C5



Tritanopia
517F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6472C6 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 #6472C6 looks like.

```
.text, #text, p{  
    color:#6472C6  
}
```

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 #6472C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6472C6
}
```

Border

The CSS property to change the border of an element to Hex 6472C6 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".

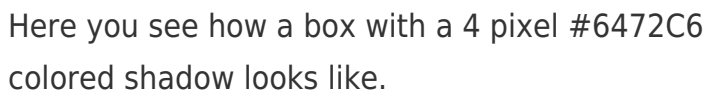
```
.border, #border, table{ border:4px solid
#6472C6 }
```

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

```
.border{ border-color:#6472C6 }
```

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

Here you see how a box with a 4 pixel #6472C6 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6472C6; -webkit-box-shadow:4px 4px  
4px 4px #6472C6; box-shadow:4px 4px 4px  
4px #6472C6 }
```

Background

The CSS property to change the background color of an element to Hex 6472C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6472C6 }
```

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

```
.background{ background-color:#6472C6 }
```

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