

Converting Colors

Hex(6472D7)

Have a look what the booklet for
Hex(6472D7) contains.

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Color

Hex(6472D7)

Conversions

Conversions Part 1

Format	Color
Hex	6472D7
RGB	100, 114, 215
RGB Percent	39%, 45%, 84%
CMY	0.6078, 0.5529, 0.1569
CMYK	0.53, 0.47, 0.00, 0.16
HSL	233°, 59%, 62%
HSV	233°, 53%, 84%
XYZ	23.5386, 19.6502, 66.8422
YIQ	121.3280, -40.7650, 28.4430

Conversions

Conversions Part 2

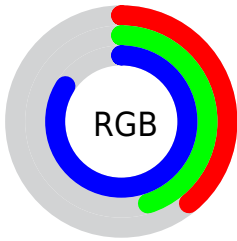
Format	Color
RYB	100, 112, 215
Decimal	6582999
CIELab	51.44, 23.30, -53.70
CIElCh	51, 58.542, 293.458
Yxy	19.6502, 0.2139, 0.1786
Android (android.graphics.Color)	4284773079 (0xFF6472D7)
YUV	121.3280, 46.1803, -18.7047
Hunter-Lab	44.3286, 17.2088, -58.3722

Details

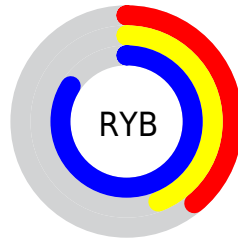
The Hex color **6472D7** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **D7C964**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **9EA6FF**, and **24429F** is the 20% darker color. If you saturate the color by 10%, you get **4E5FD7**, and if you desaturate by 10%, it is **7A85D7**.

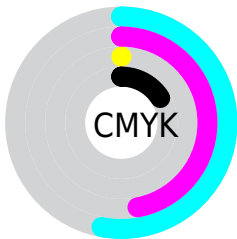
Distribution



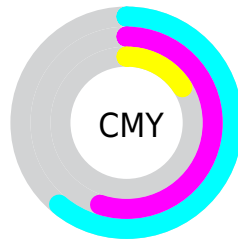
- Red (39%)
- Green (45%)
- Blue (84%)



- Red (39%)
- Yellow (44%)
- Blue (84%)



- Cyan (53%)
- Magenta (47%)
- Yellow (0%)
- Black (16%)



- Cyan (61%)
- Magenta (55%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6472D7 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 6472D7 by changing the saturation by 10% instead.

■ 6472D7

■ 6472D7

FFFFFF

■ 465ABB

■ 9EA6FF

■ 24429F

■ BBC1FF

■ 002D85

■ D8DDFF

■ 00196B

■ F6F9FF

■ 000052

■ 00053A

■ 000224

■ 00000B

■ 000000

■ 6472D7

■ 6472D7

■ 4E5FD7

■ 7A85D7

■ 394CD7

■ 8F98D7

■ 2439D7

■ A5ABD7

■ 0E26D7

■ BABED7

■ 001AD7

■ D0D0D7

■ E5E3D7

■ FBF6D7

■ FFFFD7

Harmonies

Analogous

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



0084DE



6472D7



AC5BB7

Triad

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



6472D7



C06029



00916E

Complementary

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



6472D7



D7C964

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.



248D3B



6472D7



9C7400

Square

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



6472D7



D34C56



6D840B



0092A1

Rectangle

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



6472D7



C64D98



6D840B



00905C

Sweetspot

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



6472D7



D6DBFF



64D7C8



676A80



000000



808080

Same Dimension

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



6472D7



5C70FF



8E64D7



60626B



0015AB



00052B

Inverse Universe

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



D76472



FF5C70



ADD764



6B6062



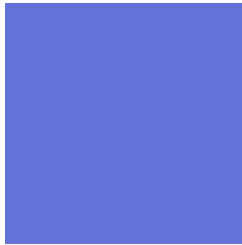
AB0015



2B0005

Previews

White Background



This preview shows how the Hex color 6472D7 looks on a white background.

Color Contrast Check

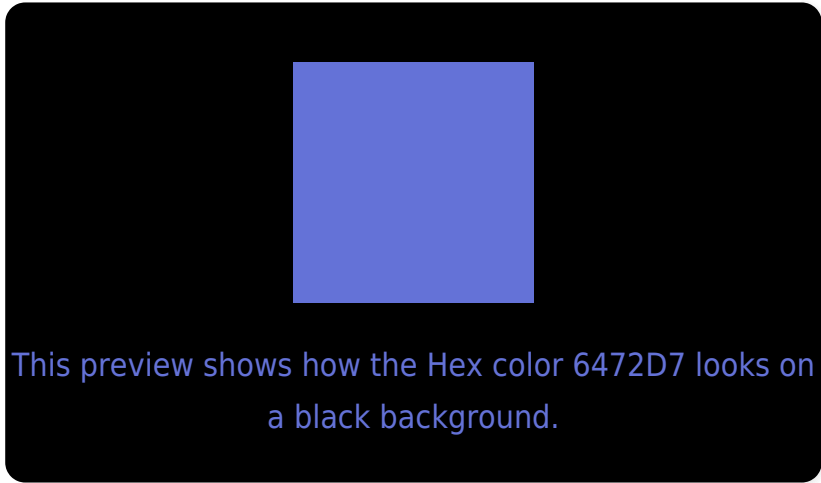
Large Text (above 18pt) WCAG AA ✓ Pass

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 6472D7 Background



This preview shows how black text looks on a background with the Hex color 6472D7.

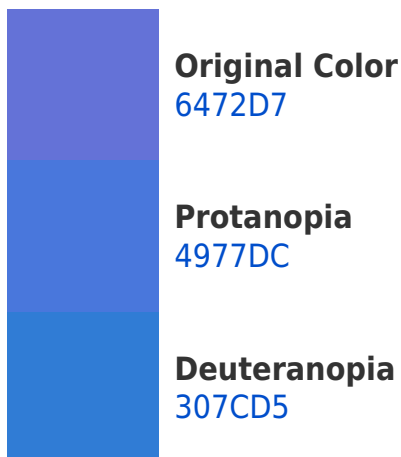


This preview shows how white text looks on a background with the Hex color 6472D7.

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](#).

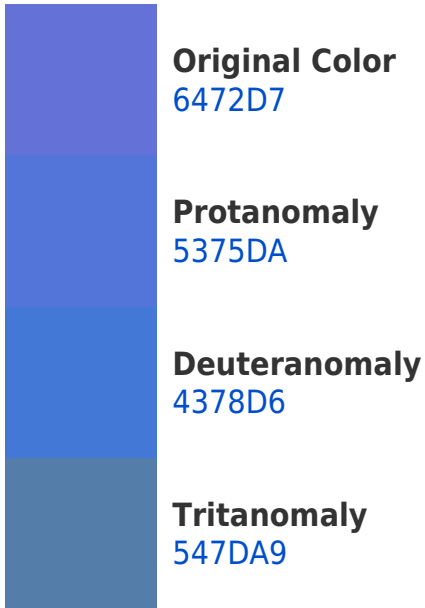
Dichromacy



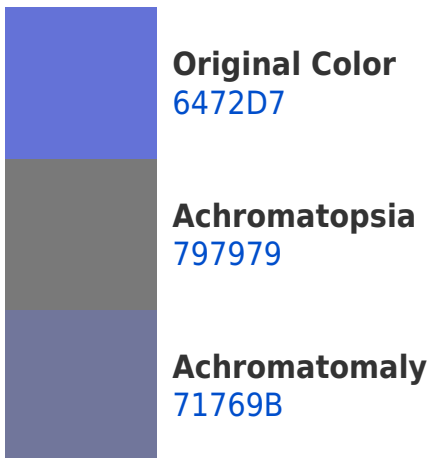


Tritanopia
4B838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6472D7 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 #6472D7 looks like.

```
.text, #text, p{  
    color:#6472D7  
}
```

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 #6472D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6472D7
}
```

Border

The CSS property to change the border of an element to Hex 6472D7 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
#6472D7 }
```

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

```
.border{ border-color:#6472D7 }
```

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

Here you see how a box with a 4 pixel #6472D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6472D7; -webkit-box-shadow:4px 4px  
4px 4px #6472D7; box-shadow:4px 4px 4px  
4px #6472D7 }
```

Background

The CSS property to change the background color of an element to Hex 6472D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6472D7 }
```

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

```
.background{ background-color:#6472D7 }
```

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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