

Converting Colors

Hex(6473A0)

Have a look what the booklet for
Hex(6473A0) contains.

Hex(6473A0)	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(6473A0)

Conversions

Conversions Part 1

Format	Color
Hex	6473A0
RGB	100, 115, 160
RGB Percent	39%, 45%, 63%
CMY	0.6078, 0.5490, 0.3725
CMYK	0.38, 0.28, 0.00, 0.37
HSL	225°, 24%, 51%
HSV	225°, 38%, 63%
XYZ	17.7314, 17.5089, 35.7027
YIQ	115.6450, -23.3850, 10.8150

Conversions

Conversions Part 2

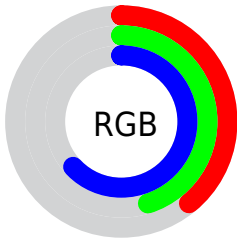
Format	Color
R_{YB}	100, 112, 160
Decimal	6583200
CIE _{Lab}	48.89, 5.98, -26.03
CIE _{LCh}	49, 26.704, 282.934
Yxy	17.5089, 0.2499, 0.2468
Android (android.graphics.Color)	4284773280 (0xFF6473A0)
YUV	115.6450, 21.8670, -13.7207
Hunter-Lab	41.8436, 2.4140, -21.2982

Details

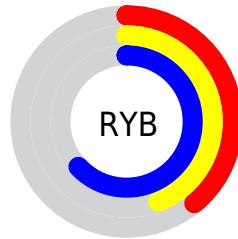
The Hex color **6473A0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A09164**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **99A7D7**, and **32436C** is the 20% darker color. If you saturate the color by 10%, you get **5467A0**, and if you desaturate by 10%, it is **747FA0**.

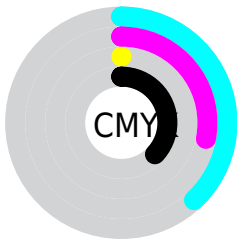
Distribution



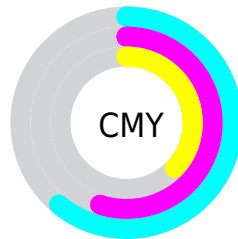
- Red (39%)
- Green (45%)
- Blue (63%)



- Red (39%)
- Yellow (44%)
- Blue (63%)



- Cyan (38%)
- Magenta (28%)
- Yellow (0%)
- Black (37%)



- Cyan (61%)
- Magenta (55%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6473A0 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 6473A0 by changing the saturation by 10% instead.

■ 6473A0

■ 6473A0

FFFFFF

■ 4B5B86

■ 99A7D7

■ 32436C

■ B4C2F3

■ 182D54

■ D0DEFF

■ 00193C

■ EDFAFF

■ 000227

■ 000110

■ 000000

■ 6473A0

■ 6473A0

■ 5467A0

■ 747FA0

■ 445BA0

■ 848BA0

■ 344FA0

■ 9497A0

■ 2443A0

■ A4A3A0

■ 1437A0

■ B4AFA0

■ 042BA0

■ C4BBA0

■ 0028A0

■ D4C7A0

■ E4D3A0

■ F4DFA0

Harmonies

Analogous

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



3F7A9F



6473A0



836B95

Triad

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



6473A0



9D6756



457F66

Complementary

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



6473A0



A09164

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.



607C52



6473A0



8F6E49

Square

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



6473A0



A1636B



7A7648



29807D

Rectangle

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



6473A0



936689



7A7648



4E7F5F

Sweetspot

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



6473A0



BAC0D1



64A091



5B5E69



E8E8E8



696969

Same Dimension

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



6473A0



738BD1



7364A0



47494F



00248F



00040F

Inverse Universe

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



A06473



D1738B



91A064



4F4749



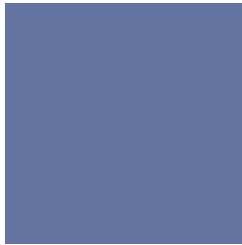
8F0024



0F0004

Previews

White Background



This preview shows how the Hex color 6473A0 looks on a white background.

Color Contrast Check

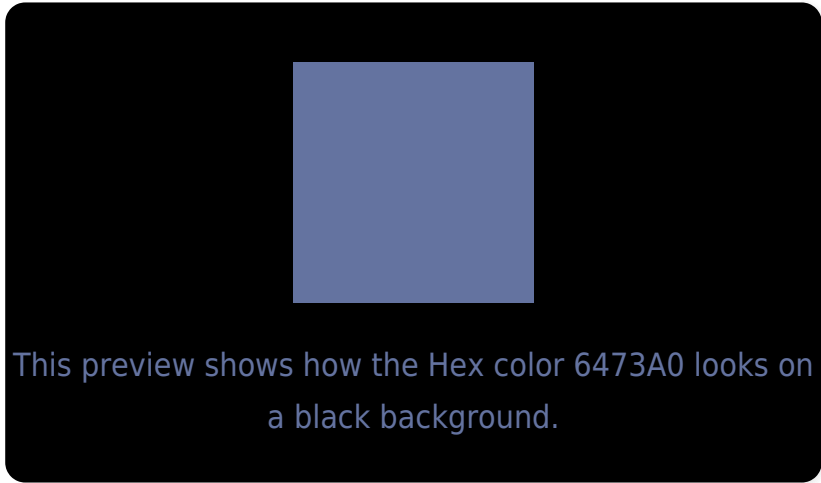
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

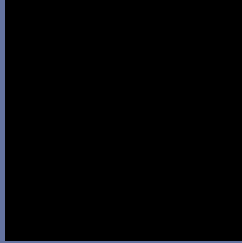
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

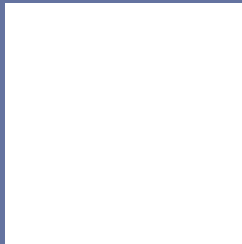
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6473A0 Background



This preview shows how black text looks on a background with the Hex color 6473A0.



This preview shows how white text looks on a background with the Hex color 6473A0.

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

6473A0

Protanopia

6772A0

Deuteranopia

6673A0



Tritanopia
5D7982

Trichromacy



Original Color
6473A0

Protanomaly
6672A0

Deuteranomaly
6573A0

Tritanomaly
60778D

Monochromacy



Original Color
6473A0

Achromatopsia
747474

Achromatomaly
6E7484

CSS Examples

Text

The CSS property to change the color of the text to Hex 6473A0 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 #6473A0 looks like.

```
.text, #text, p{  
    color:#6473A0  
}
```

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 #6473A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6473A0
}
```

Border

The CSS property to change the border of an element to Hex 6473A0 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
#6473A0 }
```

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

```
.border{ border-color:#6473A0 }
```

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

Here you see how a box with a 4 pixel #6473A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6473A0; -webkit-box-shadow:4px 4px  
4px 4px #6473A0; box-shadow:4px 4px 4px  
4px #6473A0 }
```

Background

The CSS property to change the background color of an element to Hex 6473A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6473A0 }
```

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

```
.background{ background-color:#6473A0 }
```

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