

Converting Colors

Hex(6274CC)

Have a look what the booklet for
Hex(6274CC) contains.

Hex(6274CC)	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(6274CC)

Conversions

Conversions Part 1

Format	Color
Hex	6274CC
RGB	98, 116, 204
RGB Percent	38%, 45%, 80%
CMY	0.6157, 0.5451, 0.2000
CMYK	0.52, 0.43, 0.00, 0.20
HSL	230°, 51%, 59%
HSV	230°, 52%, 80%
XYZ	22.1815, 19.4471, 59.7113
YIQ	120.6500, -38.9760, 23.5520

Conversions

Conversions Part 2

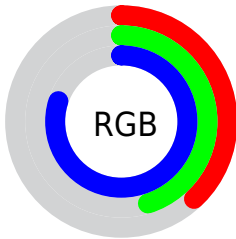
Format	Color
R_{YB}	98, 113, 204
Decimal	6452428
CIE _{Lab}	51.21, 18.15, -47.83
CIE _{LCh}	51, 51.162, 290.784
Yxy	19.4471, 0.2189, 0.1919
Android (android.graphics.Color)	4284642508 (0xFF6274CC)
YUV	120.6500, 41.0915, -19.8641
Hunter-Lab	44.0989, 12.6115, -49.4114

Details

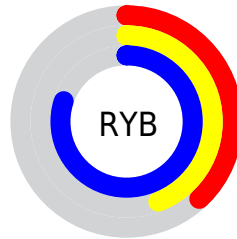
The Hex color **6274CC** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **CCBA62**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **9BA8FF**, and **254495** is the 20% darker color. If you saturate the color by 10%, you get **4E63CC**, and if you desaturate by 10%, it is **7685CC**.

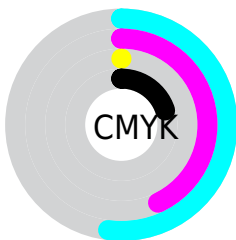
Distribution



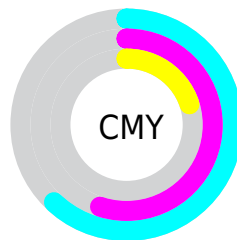
- Red (38%)
- Green (45%)
- Blue (80%)



- Red (38%)
- Yellow (44%)
- Blue (80%)



- Cyan (52%)
- Magenta (43%)
- Yellow (0%)
- Black (20%)



- Cyan (62%)
- Magenta (55%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6274CC 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 6274CC by changing the saturation by 10% instead.

■ 6274CC

■ 6274CC

FFFFFF

■ 455CB0

■ 9BA8FF

■ 254495

■ B7C3FF

■ 002F7B

■ D4DFFF

■ 001B61

■ F2FBFF

■ 000049

■ 000432

■ 00011C

■ 000000

■ 6274CC

■ 6274CC

 4E63CC

 7685CC

 3952CC

 8B96CC

 2541CC

 9FA7CC

 1030CC

 B4B8CC

 0023CC

 C8C9CC

 DCDACC

 F1EBCC

 FFFBCC

 FFFFCC

Harmonies

Analogous

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



0083D0



6274CC



A261B2

Triad

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



6274CC



BA6237



008E6B

Complementary

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



6274CC



CCBA62

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.



3D8A40



6274CC



9C731C

Square

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



6274CC



C9535E



738120



008F98

Rectangle

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



6274CC



BA5698



738120



008D5C

Sweetspot

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



6274CC



D6DDFF



62CCB9



676B80



000000



808080

Same Dimension

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



6274CC



617CFF



8462CC



5C5E66



001CA6



000626

Inverse Universe

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



CC6274



FF617C



AACC62



665C5E



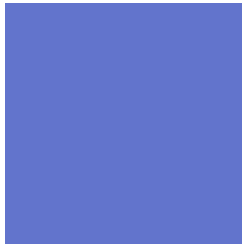
A6001C



260006

Previews

White Background



This preview shows how the Hex color 6274CC looks on a white background.

Color Contrast Check

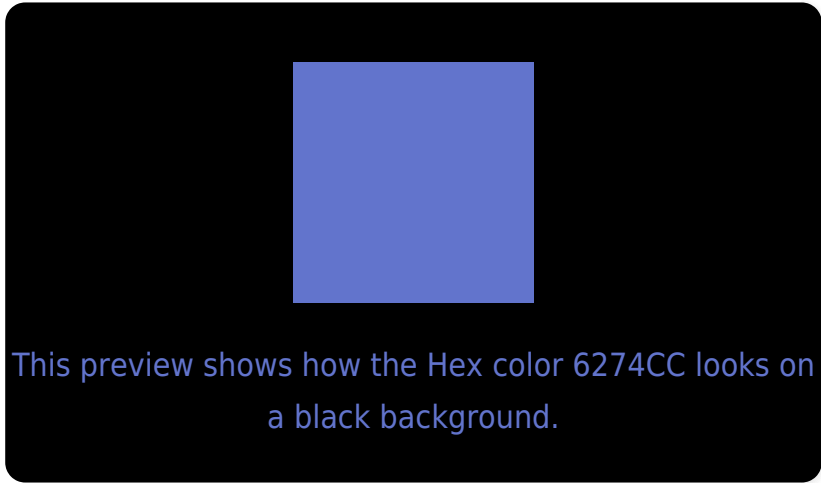
Large Text (above 18pt) WCAG AA ✓ Pass

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

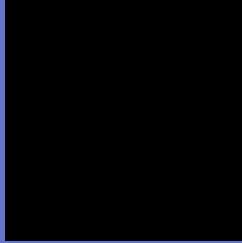
Any Text WCAG AA ✓ Pass

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 6274CC Background



This preview shows how black text looks on a background with the Hex color 6274CC.

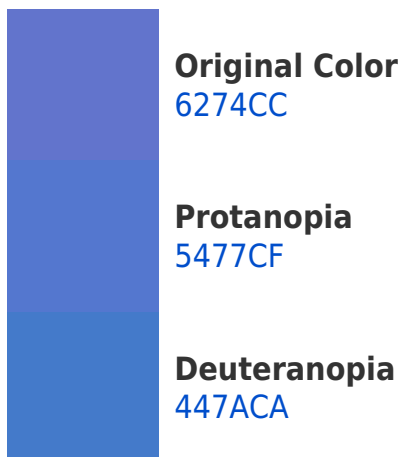



This preview shows how white text looks on a background with the Hex color 6274CC.

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](#).

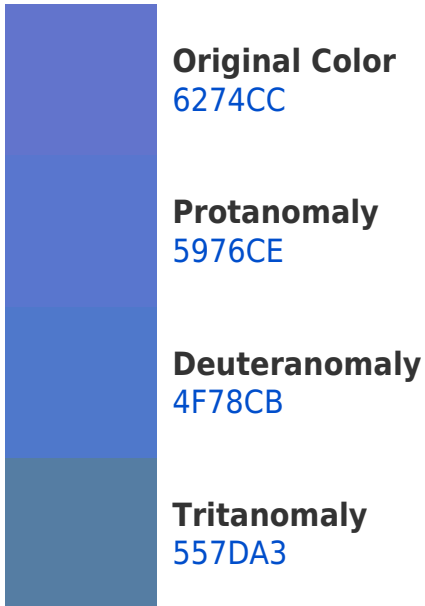
Dichromacy



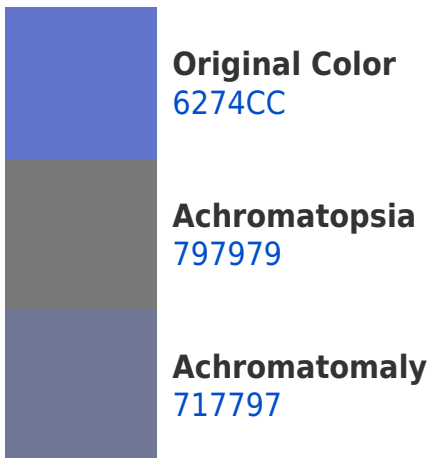


Tritanopia
4D828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6274CC 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 #6274CC looks like.

```
.text, #text, p{  
    color:#6274CC  
}
```

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 #6274CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6274CC
}
```

Border

The CSS property to change the border of an element to Hex 6274CC 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
#6274CC }
```

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

```
.border{ border-color:#6274CC }
```

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

Here you see how a box with a 4 pixel #6274CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6274CC; -webkit-box-shadow:4px 4px  
4px 4px #6274CC; box-shadow:4px 4px 4px  
4px #6274CC }
```

Background

The CSS property to change the background color of an element to Hex 6274CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6274CC }
```

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

```
.background{ background-color:#6274CC }
```

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