

# Converting Colors

Hex(6200C4)

Have a look what the booklet for  
Hex(6200C4) contains.

<b>Hex(6200C4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(6200C4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6200C4
RGB	98, 0, 196
RGB Percent	38%, 0%, 77%
CMY	0.6157, 1.0000, 0.2314
CMYK	0.50, 1.00, 0.00, 0.23
HSL	270°, 100%, 38%
HSV	270°, 100%, 77%
XYZ	15.0008, 6.5822, 52.7044
YIQ	51.6460, -4.5080, 81.7320

# Conversions

## Conversions Part 2

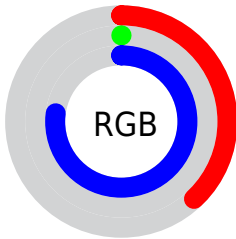
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 0, 196
Decimal	6422724
CIELab	30.84, 68.33, -76.28
CIELCh	31, 102.408, 311.851
Yxy	6.5822, 0.2019, 0.0886
Android (android.graphics.Color)	4284612804 (0xFF6200C4)
YUV	51.6460, 71.1665, 40.6525
Hunter-Lab	25.6558, 59.4704, -103.8398

# Details

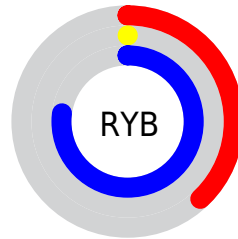
The Hex color **6200C4** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **62C400**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **9F48FE**, and **19008D** is the 20% darker color. If you saturate the color by 10%, you get **6200C4**, and if you desaturate by 10%, it is **6C14C4**.

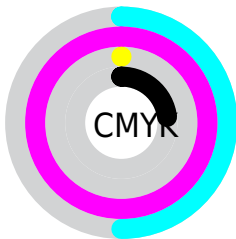
# Distribution



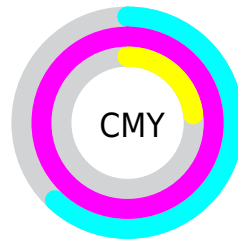
- Red (38%)
- Green (0%)
- Blue (77%)



- Red (38%)
- Yellow (0%)
- Blue (77%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)



- Cyan (62%)
- Magenta (100%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6200C4 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 6200C4 by changing the saturation by 10% instead.



 6200C4

 6200C4

FFFFFF

 4200A8

 9F48FE

 19008D

 BD64FF

 000072

 DB7FFF

 000058

 FA9BFF

 000740

 FFB7FF

 000329

 FFD4FF

 000113

 FFF1FF

 000000

 6200C4

 6C14C4

 7627C4

 7F3BC4

 894EC4

 9362C4

 9D76C4

 A789C4

 B09DC4

 BAB0C4

# Harmonies

## Analogous

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



004EED



6200C4



B5007D

# Triad

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



6200C4



7F3000



006268

# Complementary

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



6200C4



62C400

# 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.



00600C



6200C4



3C5000

# Square

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



6200C4



AF0000



005C00



0064B5

# Rectangle

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



6200C4



C50048



005C00



00614C



# Sweetspot

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



6200C4



D9B3FF



0062C4



695280



000000



808080



# Same Dimension

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



6200C4



8000FF



C400C4



5C5761



5000A1



110021



# Inverse Universe

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



C40062



FF0080



00C400



61575C



A10050

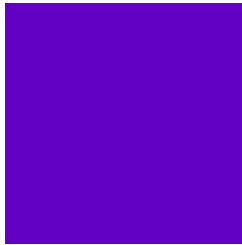


210011



# Previews

## White Background



This preview shows how the Hex color 6200C4 looks on a white background.

## Color Contrast Check

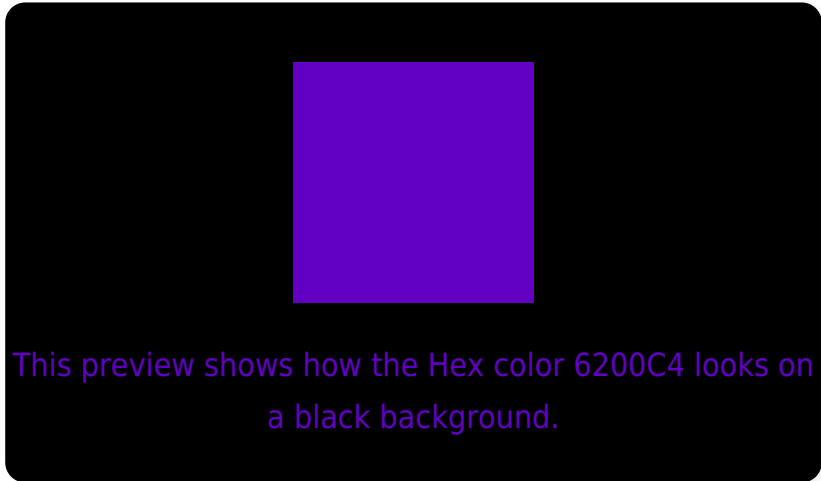
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

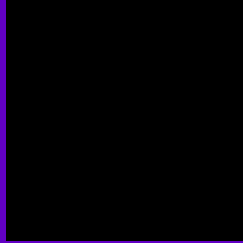
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6200C4 Background



This preview shows how black text looks on a background with the Hex color 6200C4.



This preview shows how white text looks on a background with the Hex color 6200C4.

# 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**  
6200C4

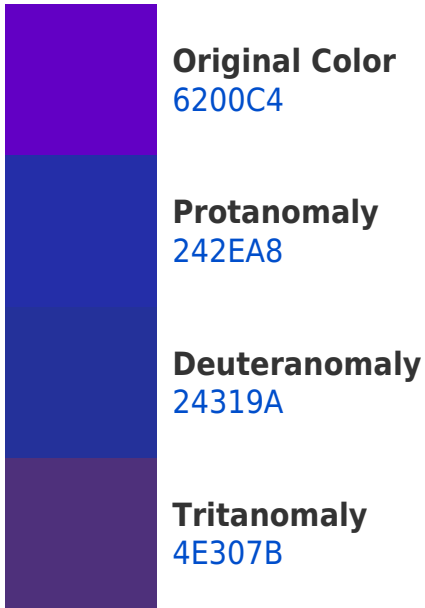
**Protanopia**  
004898

**Deuteranopia**  
004D82

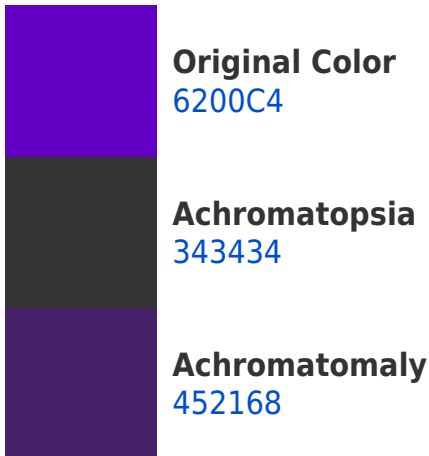


**Tritanopia**  
424C52

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6200C4 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 #6200C4 looks like.

```
.text, #text, p{  
    color:#6200C4  
}
```

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 #6200C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6200C4
}
```

## Border

The CSS property to change the border of an element to Hex 6200C4 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".

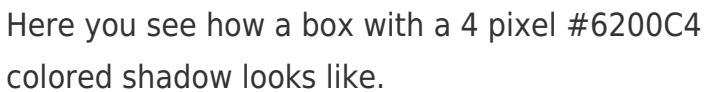
```
.border, #border, table{ border:4px solid
#6200C4 }
```

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

```
.border{ border-color:#6200C4 }
```

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

Here you see how a box with a 4 pixel #6200C4 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6200C4; -webkit-box-shadow:4px 4px  
4px 4px #6200C4; box-shadow:4px 4px 4px  
4px #6200C4 }
```

# Background

The CSS property to change the background color of an element to Hex 6200C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6200C4 }
```

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

```
.background{ background-color:#6200C4 }
```

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