

Converting Colors

Hex(6200CB)

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

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Color

Hex(6200CB)

Conversions

Conversions Part 1

Format	Color
Hex	6200CB
RGB	98, 0, 203
RGB Percent	38%, 0%, 80%
CMY	0.6157, 1.0000, 0.2039
CMYK	0.52, 1.00, 0.00, 0.20
HSL	269°, 100%, 40%
HSV	269°, 100%, 80%
XYZ	15.8165, 6.9085, 56.9998
YIQ	52.4440, -6.7550, 83.9090

Conversions

Conversions Part 2

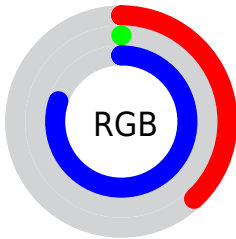
Format	Color
R_{YB}	98, 0, 203
Decimal	6422731
CIE _{Lab}	31.60, 69.86, -79.12
CIE _{LCh}	32, 105.548, 311.440
Yxy	6.9085, 0.1984, 0.0867
Android (android.graphics.Color)	4284612811 (0xFF6200CB)
YUV	52.4440, 74.2241, 39.9526
Hunter-Lab	26.2840, 61.4163, -110.1783

Details

The Hex color **6200CB** 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 **69CB00**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **9F49FF**, and **140093** is the 20% darker color. If you saturate the color by 10%, you get **6200CB**, and if you desaturate by 10%, it is **6C14CB**.

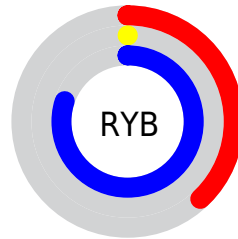
Distribution



Red (38%)

Green (0%)

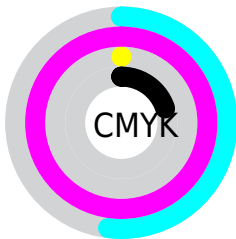
Blue (80%)



Red (38%)

Yellow (0%)

Blue (80%)

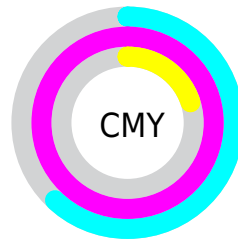


Cyan (52%)

Magenta (100%)

Yellow (0%)

Black (20%)



Cyan (62%)

Magenta (100%)

Yellow (20%)

Brightness & Saturation Gradients

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

 6200CB

 6200CB

FFFFFF

 4100AF

 9F49FF

 140093

 BE65FF

 000079

 DC80FF

 00005F

 FB9CFF

 000846

 FFB8FF

 00042E

 FFD5FF

 000119

 FFF3FF

 000000

 6200CB

 6C14CB

 7729CB

 813DCB

 8C51CB

 9666CB

 A17ACB

 AB8ECB

 B6A2CB

 C1B7CB

Harmonies

Analogous

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



0050F5



6200CB



BA0081

Triad

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



6200CB



843000



00646A

Complementary

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



6200CB



69CB00

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.



006209



6200CB



3E5200

Square

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



6200CB



B50000



005E00



0067BA

Rectangle

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



6200CB



CB004B



005E00



00634D

Sweetspot

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



6200CB



D7B3FF



006CCB



685280



000000



808080

Same Dimension

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



6200CB



7B00FF



C400CB



615C66



5000A6



120026

Inverse Universe

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



CB0069



FF0084



07CB00



665C61



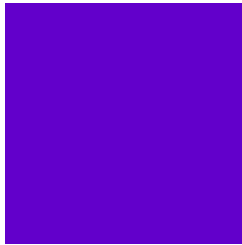
A60056



260014

Previews

White Background



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

Color Contrast Check

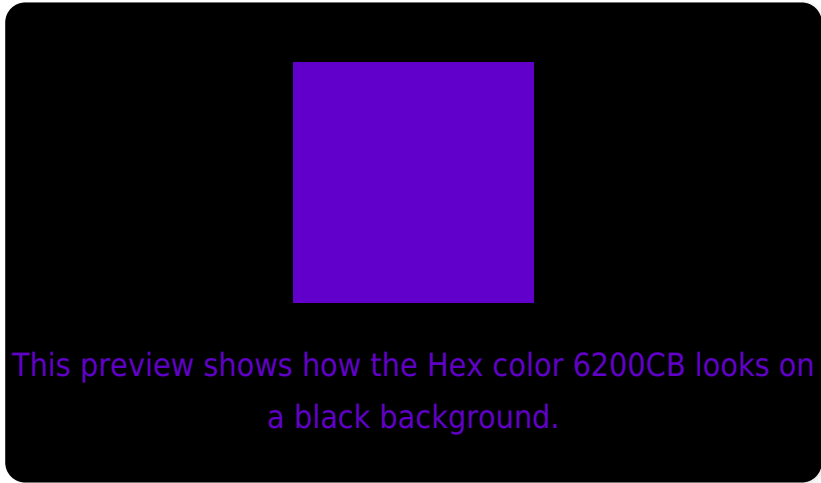
Large Text (above 18pt) WCAG AA ✓ Pass

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

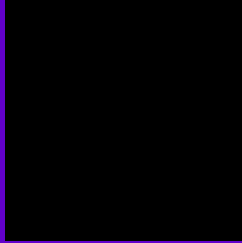
Any Text WCAG AA × Fail

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 6200CB Background



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



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

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
6200CB

Protanopia
004A9B

Deuteranopia
004F85



Tritanopia
3F4F55

Trichromacy



Original Color
6200CB

Protanomaly
242FAC

Deuteranomaly
24329E

Tritanomaly
4C3280

Monochromacy



Original Color
6200CB

Achromatopsia
343434

Achromatomaly
45216B

CSS Examples

Text

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

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

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 #6200CB colored shadow looks like.

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

Border

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

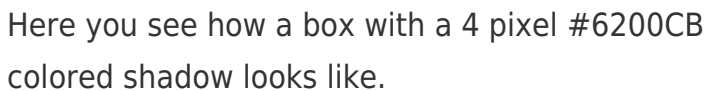
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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