

# Converting Colors

Hex(6200BA)

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

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**Color**

**Hex(6200BA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6200BA
RGB	98, 0, 186
RGB Percent	38%, 0%, 73%
CMY	0.6157, 1.0000, 0.2706
CMYK	0.47, 1.00, 0.00, 0.27
HSL	272°, 100%, 36%
HSV	272°, 100%, 73%
XYZ	13.8999, 6.1418, 46.9073
YIQ	50.5060, -1.2980, 78.6220

# Conversions

## Conversions Part 2

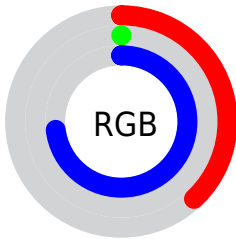
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 0, 186
Decimal	6422714
CIELab	29.77, 66.15, -72.14
CIELCh	30, 97.881, 312.521
Yxy	6.1418, 0.2076, 0.0917
Android (android.graphics.Color)	4284612794 (0xFF6200BA)
YUV	50.5060, 66.7985, 41.6522
Hunter-Lab	24.7827, 56.7458, -94.8726

# Details

The Hex color **6200BA** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **58BA00**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **9E47F3**, and **1E0083** is the 20% darker color. If you saturate the color by 10%, you get **6200BA**, and if you desaturate by 10%, it is **6B13BA**.

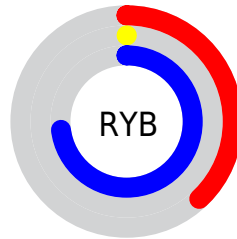
# Distribution



Red (38%)

Green (0%)

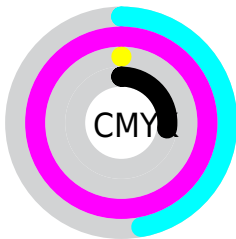
Blue (73%)



Red (38%)

Yellow (0%)

Blue (73%)

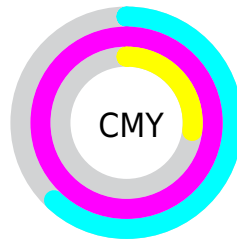


Cyan (47%)

Magenta (100%)

Yellow (0%)

Black (27%)



Cyan (62%)

Magenta (100%)

Yellow (27%)

# Brightness & Saturation Gradients

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



 6200BA

 6200BA

FFFFFF

 43009E

 9E47F3

 1E0083

 BB63FF

 000069

 D97EFF

 000050


 F89AFF

 000538

 FFB6FF

 000221

 FFD3FF

 000007

 FFF0FF

 000000

 6200BA

 6B13BA

 7425BA

 7C38BA

 854ABA

 8E5DBA

 9770BA

 A082BA

 A895BA

 B1A7BA

# Harmonies

## Analogous

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



004AE1



6200BA



AE0076

# Triad

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



6200BA



793000



005E66

# Complementary

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



6200BA



58BA00

# 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.



005C11



6200BA



384D00

# Square

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



6200BA



A70000



005800



0060AF

# Rectangle

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



6200BA



BD0044



005800



005E4B



# Sweetspot

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



6200BA



D0AAF2



005ABA



664E7A



FAFAFA



7A7A7A



# Same Dimension

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



6200BA



8000F2



BA00B7



57535C



52009C



0F001C



# Inverse Universe

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



BA0058



F20073



00BA03



5C5357



9C004A



1C000D



# Previews

## White Background



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

## Color Contrast Check

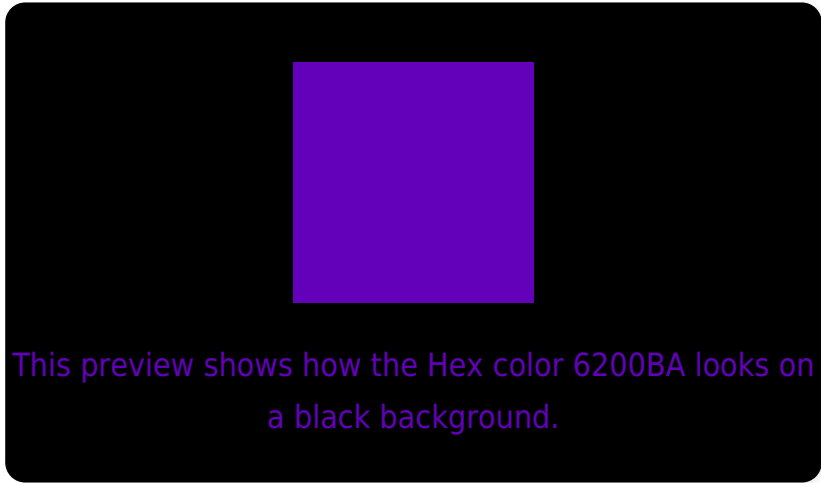
Large Text (above 18pt) WCAG AA ✓ Pass

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

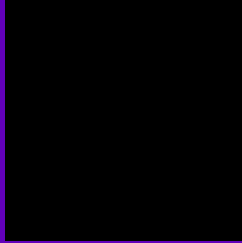
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6200BA Background



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



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

# 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**  
46484E

# Trichromacy



**Original Color**  
6200BA

**Protanomaly**  
242DA1

**Deuteranomaly**  
243094

**Tritanomaly**  
502E75

# Monochromacy



**Original Color**  
6200BA

**Achromatopsia**  
333333

**Achromatomaly**  
442064

# CSS Examples

## Text

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

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

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 #6200BA colored shadow looks like.

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

## Border

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

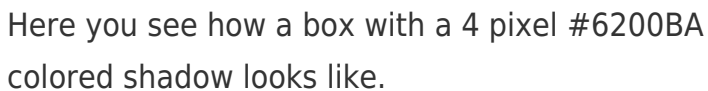
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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