

Converting Colors

Hex(6302CC)

Have a look what the booklet for
Hex(6302CC) contains.

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Color

Hex(6302CC)

Conversions

Conversions Part 1

Format	Color
Hex	6302CC
RGB	99, 2, 204
RGB Percent	39%, 1%, 80%
CMY	0.6118, 0.9922, 0.2000
CMYK	0.51, 0.99, 0.00, 0.20
HSL	269°, 98%, 40%
HSV	269°, 99%, 80%
XYZ	16.0664, 7.0557, 57.6418
YIQ	54.0310, -7.0300, 83.3860

Conversions

Conversions Part 2

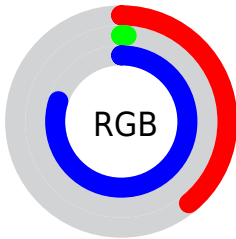
Format	Color
R_{YB}	99, 2, 204
Decimal	6488780
CIE _{Lab}	31.93, 69.85, -79.15
CIE _{LCh}	32, 105.562, 311.429
Yxy	7.0557, 0.1989, 0.0874
Android (android.graphics.Color)	4284678860 (0xFF6302CC)
YUV	54.0310, 73.9347, 39.4378
Hunter-Lab	26.5626, 61.4813, -110.0679

Details

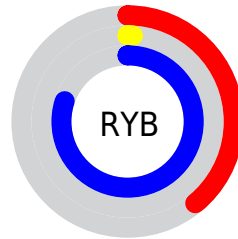
The Hex color **6302CC** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **6BCC02**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **A04AFF**, and **160094** is the 20% darker color. If you saturate the color by 10%, you get **6200CC**, and if you desaturate by 10%, it is **6E16CC**.

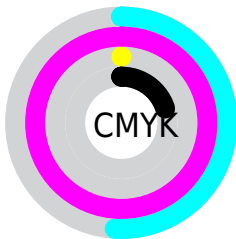
Distribution



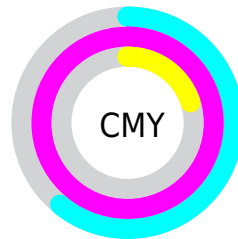
- Red (39%)
- Green (1%)
- Blue (80%)



- Red (39%)
- Yellow (1%)
- Blue (80%)



- Cyan (51%)
- Magenta (99%)
- Yellow (0%)
- Black (20%)



- Cyan (61%)
- Magenta (99%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6302CC 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 6302CC by changing the saturation by 10% instead.

 6302CC

 6302CC

FFFFFF

 4200B0


 A04AFF

 160094

 BF66FF

 000079

 DD81FF

 00005F

 FC9DFF

 000846

 FFB9FF

 00042F

 FFD6FF

 000119

 FFF4FF

 000000

 6302CC

 6302CC

■ 6200CC

■ 6E16CC

■ 782BCC

■ 833FCC

■ 8D54CC

■ 9868CC

■ A37CCC

■ AD91CC

■ B8A5CC

■ C2BACC

Harmonies

Analogous

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



0051F6



6302CC



BB0082

Triad

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



6302CC



853100



00656B

Complementary

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



6302CC



6BCC02

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.



00630A



6302CC



3F5200

Square

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



6302CC



B60000



005F00



0068BB

Rectangle

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



6302CC



CC004C



005F00



00644E

Sweetspot

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



6302CC



D7B3FF



026ECC



685280



000000



808080

Same Dimension

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



6302CC



7A00FF



C502CC



615C66



5000A6



120026

Inverse Universe

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



CC026B



FF0085



09CC02



665C61



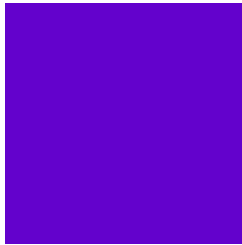
A60056



260014

Previews

White Background



This preview shows how the Hex color 6302CC looks on a white background.

Color Contrast Check

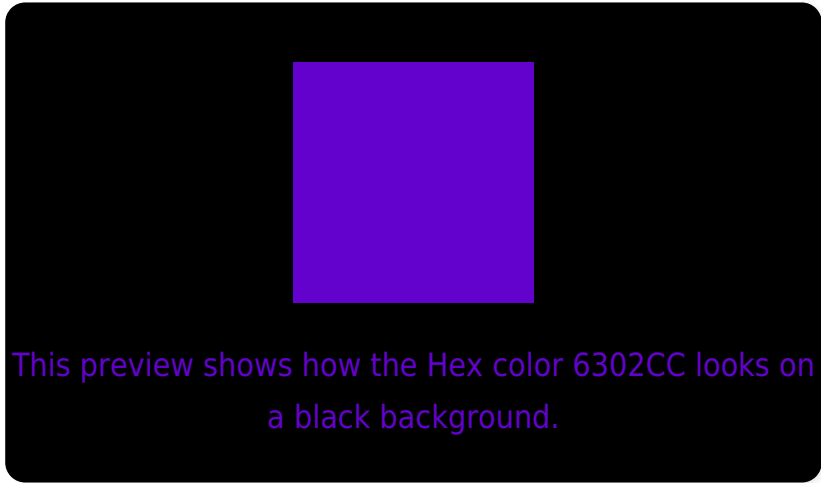
Large Text (above 18pt) WCAG AA ✓ Pass

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

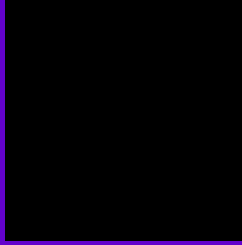
Any Text WCAG AA × Fail

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 6302CC Background



This preview shows how black text looks on a background with the Hex color 6302CC.



This preview shows how white text looks on a background with the Hex color 6302CC.

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](#).

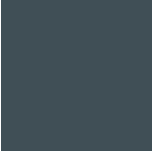
Dichromacy



Original Color
6302CC

Protanopia
004A9C

Deuteranopia
004F86



Tritanopia
404F56

Trichromacy



Original Color
6302CC

Protanomaly
2430AD

Deuteranomaly
24339F

Tritanomaly
4D3381

Monochromacy



Original Color
6302CC

Achromatopsia
363636

Achromatomaly
46236D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6302CC 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 #6302CC looks like.

```
.text, #text, p{  
    color:#6302CC  
}
```

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 #6302CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6302CC  
}
```

Border

The CSS property to change the border of an element to Hex 6302CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

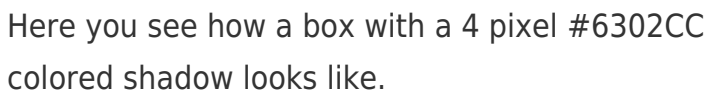
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6302CC }
```

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

```
.border{ border-color:#6302CC }
```

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



Here you see how a box with a 4 pixel #6302CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6302CC; -webkit-box-shadow:4px 4px  
4px 4px #6302CC; box-shadow:4px 4px 4px  
4px #6302CC }
```

Background

The CSS property to change the background color of an element to Hex 6302CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6302CC }
```

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

```
.background{ background-color:#6302CC }
```

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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