

Converting Colors

Hex(6100CB)

Have a look what the booklet for
Hex(6100CB) contains.

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Color

Hex(6100CB)

Conversions

Conversions Part 1

Format	Color
Hex	6100CB
RGB	97, 0, 203
RGB Percent	38%, 0%, 80%
CMY	0.6196, 1.0000, 0.2039
CMYK	0.52, 1.00, 0.00, 0.20
HSL	269°, 100%, 40%
HSV	269°, 100%, 80%
XYZ	15.7093, 6.8532, 56.9947
YIQ	52.1450, -7.3510, 83.6970

Conversions

Conversions Part 2

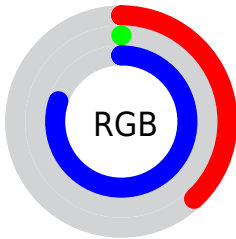
Format	Color
RYB	97, 0, 203
Decimal	6357195
CIELab	31.47, 69.78, -79.34
CIElCh	31, 105.660, 311.333
Yxy	6.8532, 0.1975, 0.0861
Android (android.graphics.Color)	4284547275 (0xFF6100CB)
YUV	52.1450, 74.3715, 39.3378
Hunter-Lab	26.1786, 61.3018, -110.7583

Details

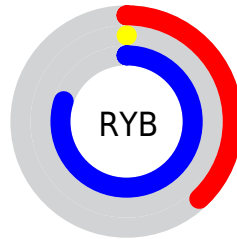
The Hex color **6100CB** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **6ACB00**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **9F49FF**, and **110093** is the 20% darker color. If you saturate the color by 10%, you get **6100CB**, and if you desaturate by 10%, it is **6C14CB**.

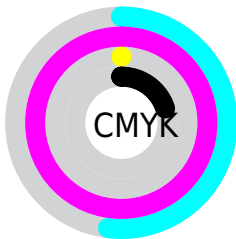
Distribution



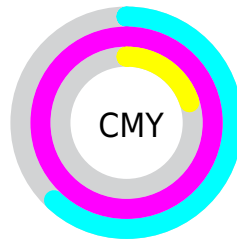
- Red (38%)
- Green (0%)
- Blue (80%)



- 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 6100CB 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 6100CB by changing the saturation by 10% instead.

 6100CB

 6100CB

FFFFFF

 4000AF

 9F49FF

 110093

 BD64FF

 000079

 DB80FF

 00005F

 FA9CFF

 000846

 FFB8FF

 00042E

 FFD5FF

 000119

 FFF2FF

 000000

 6100CB

 6C14CB

 7629CB

 813DCB

 8B51CB

 9666CB

 A17ACB

 AB8ECB

 B6A2CB

 C0B7CB

Harmonies

Analogous

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



0050F4



6100CB



B90081

Triad

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



6100CB



832F00



006469

Complementary

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



6100CB



6ACB00

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.



006108



6100CB



3E5100

Square

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



6100CB



B40000



005D00



0066BA

Rectangle

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



6100CB



CB004B



005D00



00634C

Sweetspot

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



6100CB



D7B3FF



006CCB



685280



000000



808080

Same Dimension

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



6100CB



7A00FF



C400CB



615C66



4F00A6



120026

Inverse Universe

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



CB006A



FF0085



07CB00



665C61



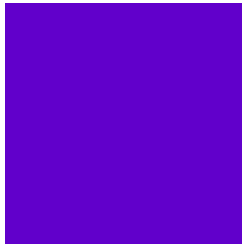
A60057



260014

Previews

White Background



This preview shows how the Hex color 6100CB looks on a white background.

Color Contrast Check

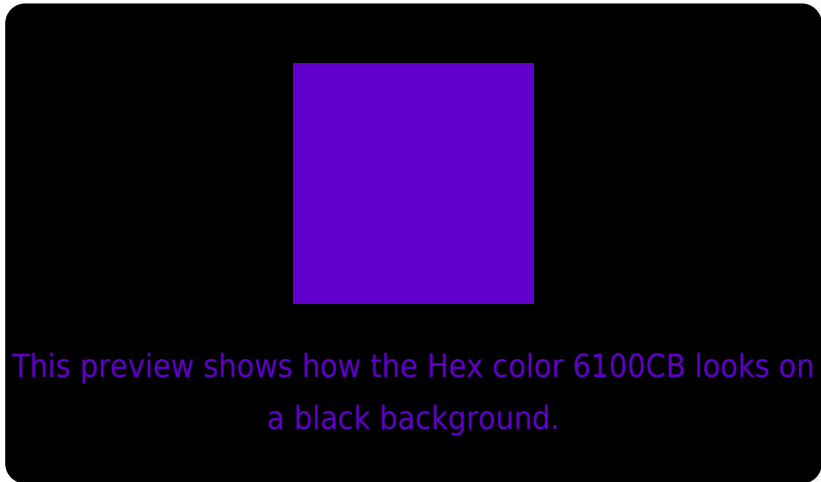
Large Text (above 18pt) WCAG AA ✓ Pass

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

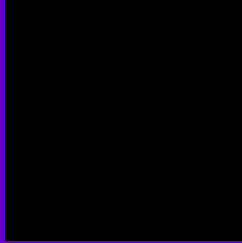
Any Text WCAG AA × Fail

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 6100CB Background



This preview shows how black text looks on a background with the Hex color 6100CB.



This preview shows how white text looks on a background with the Hex color 6100CB.

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
6100CB

Protanopia
004A9B

Deuteranopia
004E84



Tritanopia
3D4F55

Trichromacy



Original Color
6100CB

Protanomaly
232FAC

Deuteranomaly
23329E

Tritanomaly
4A3280

Monochromacy



Original Color
6100CB

Achromatopsia
343434

Achromatomaly
44216B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6100CB 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 #6100CB looks like.

```
.text, #text, p{  
    color:#6100CB  
}
```

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 #6100CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6100CB }  
}
```

Border

The CSS property to change the border of an element to Hex 6100CB 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".

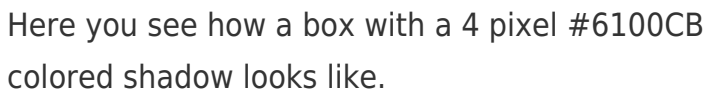
```
.border, #border, table{ border:4px solid #6100CB }  
}
```

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

```
.border{ border-color:#6100CB }
```

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

Here you see how a box with a 4 pixel #6100CB colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6100CB; -webkit-box-shadow:4px 4px  
4px 4px #6100CB; box-shadow:4px 4px 4px  
4px #6100CB }
```

Background

The CSS property to change the background color of an element to Hex 6100CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6100CB }
```

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

```
.background{ background-color:#6100CB }
```

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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