

# Converting Colors

Hex(6300C5)

Have a look what the booklet for  
Hex(6300C5) contains.

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**Color**

**Hex(6300C5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6300C5
RGB	99, 0, 197
RGB Percent	39%, 0%, 77%
CMY	0.6118, 1.0000, 0.2275
CMYK	0.50, 1.00, 0.00, 0.23
HSL	270°, 100%, 39%
HSV	270°, 100%, 77%
XYZ	15.2236, 6.6839, 53.3111
YIQ	52.0590, -4.2330, 82.2550

# Conversions

## Conversions Part 2

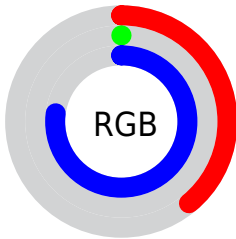
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	99, 0, 197
Decimal	6488261
CIE Lab	31.08, 68.62, -76.47
CIE LCh	31, 102.745, 311.905
Yxy	6.6839, 0.2024, 0.0889
Android (android.graphics.Color)	4284678341 (0xFF6300C5)
YUV	52.0590, 71.4559, 41.1673
Hunter-Lab	25.8532, 59.8666, -104.1629

# Details

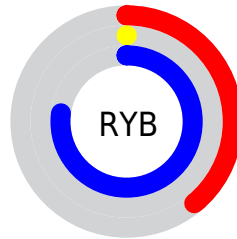
The Hex color **6300C5** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **62C500**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **A048FF**, and **1A008E** is the 20% darker color. If you saturate the color by 10%, you get **6300C5**, and if you desaturate by 10%, it is **6D14C5**.

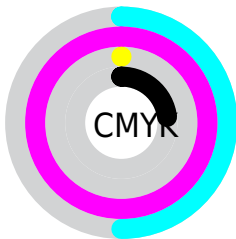
# Distribution



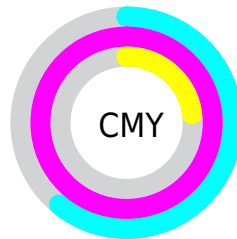
- Red (39%)
- Green (0%)
- Blue (77%)



- Red (39%)
- Yellow (0%)
- Blue (77%)



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



- Cyan (61%)
- Magenta (100%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6300C5 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 6300C5 by changing the saturation by 10% instead.



 6300C5

 6300C5

FFFFFF

 4300A9

 A048FF

 1A008E

 BE64FF

 000073

 DC80FF

 000059

 FB9BFF

 000741

 FFB8FF

 00032A

 FFD5FF

 000114

 FFF2FF

 000000

 6300C5

 6D14C5

 7727C5

 803BC5

 8A4FC5

 9463C5

 9E76C5

 A88AC5

 B19EC5

 BBB1C5

# Harmonies

## Analogous

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



004EEE



6300C5



B6007D

# Triad

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



6300C5



803000



006369

# Complementary

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



6300C5



62C500

# 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.



00600D



6300C5



3C5000

# Square

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



6300C5



B00000



005C00



0065B7

# Rectangle

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



6300C5



C70049



005C00



00624D



# Sweetspot

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



6300C5



D9B3FF



0063C5



695280



000000



808080



# Same Dimension

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



6300C5



8000FF



C500C5



5F5A63



5200A3



120024



# Inverse Universe

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



C50062



FF007F



00C500



635A5E



A30051

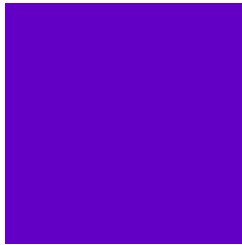


240012



# Previews

## White Background



This preview shows how the Hex color 6300C5 looks on a white background.

## Color Contrast Check

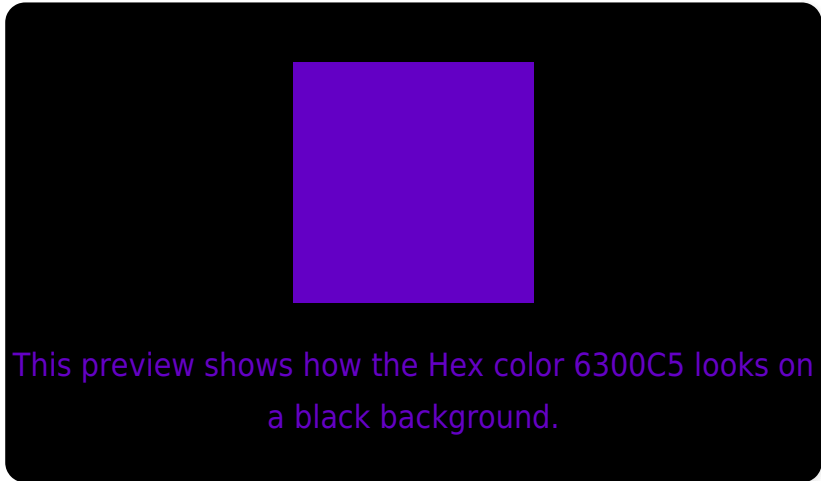
Large Text (above 18pt) WCAG AA ✓ Pass

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

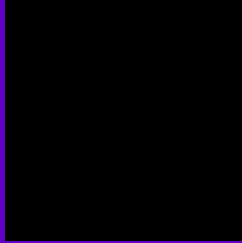
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6300C5 Background



This preview shows how black text looks on a background with the Hex color 6300C5.



This preview shows how white text looks on a background with the Hex color 6300C5.

# 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**  
6300C5

**Protanopia**  
004999

**Deuteranopia**  
004E83



**Tritanopia**  
434D53

# Trichromacy



**Original Color**  
6300C5

**Protanomaly**  
242EA9

**Deuteranomaly**  
24329B

**Tritanomaly**  
4F317C

# Monochromacy



**Original Color**  
6300C5

**Achromatopsia**  
343434

**Achromatomaly**  
452169

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6300C5 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 #6300C5 looks like.

```
.text, #text, p{  
    color:#6300C5  
}
```

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 #6300C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6300C5
}
```

## Border

The CSS property to change the border of an element to Hex 6300C5 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".

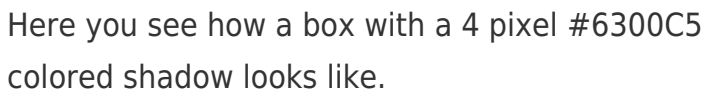
```
.border, #border, table{ border:4px solid
#6300C5 }
```

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

```
.border{ border-color:#6300C5 }
```

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

Here you see how a box with a 4 pixel #6300C5 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #6300C5 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6300C5; -webkit-box-shadow:4px 4px  
4px 4px #6300C5; box-shadow:4px 4px 4px  
4px #6300C5 }
```

# Background

The CSS property to change the background color of an element to Hex 6300C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6300C5 }
```

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

```
.background{ background-color:#6300C5 }
```

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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