

# Converting Colors

Hex(6015C3)

Have a look what the booklet for  
Hex(6015C3) contains.

<b>Hex(6015C3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	28

**Color**

**Hex(6015C3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6015C3
RGB	96, 21, 195
RGB Percent	38%, 8%, 76%
CMY	0.6235, 0.9176, 0.2353
CMYK	0.51, 0.89, 0.00, 0.24
HSL	266°, 81%, 42%
HSV	266°, 89%, 76%
XYZ	14.9424, 6.9633, 52.1863
YIQ	63.2610, -11.1540, 70.0140

# Conversions

## Conversions Part 2

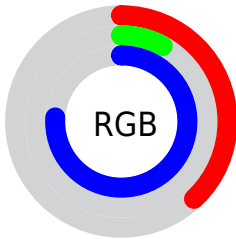
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 21, 195
Decimal	6297027
CIE <sub>Lab</sub>	31.72, 64.15, -74.24
CIE <sub>LCh</sub>	32, 98.114, 310.832
Yxy	6.9633, 0.2017, 0.0940
Android (android.graphics.Color)	4284487107 (0xFF6015C3)
YUV	63.2610, 64.9473, 28.7121
Hunter-Lab	26.3880, 54.8978, -98.7834

# Details

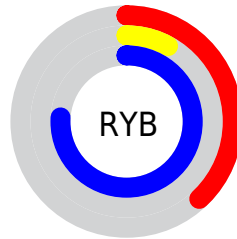
The Hex color **6015C3** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **78C315**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **9C50FD**, and **17008C** is the 20% darker color. If you saturate the color by 10%, you get **5502C3**, and if you desaturate by 10%, it is **6B29C3**.

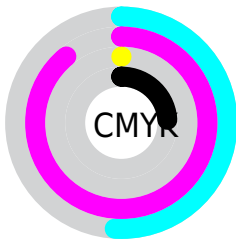
# Distribution



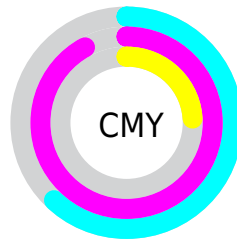
- Red (38%)
- Green (8%)
- Blue (76%)



- Red (38%)
- Yellow (8%)
- Blue (76%)



- Cyan (51%)
- Magenta (89%)
- Yellow (0%)
- Black (24%)



- Cyan (62%)
- Magenta (92%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6015C3 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 6015C3 by changing the saturation by 10% instead.



6015C3

6015C3

FFFFFF

4000A7

9C50FD

17008C

BA6BFF

000071

D886FF

000058

F7A2FF

00063F

FFBEFF

000328

FFDBFF

000112

FFF8FF

000000

6015C3

6015C3

■ 5502C3

■ 6B29C3

■ 5400C3

■ 763CC3

■ 814FC3

■ 8C63C3

■ 9777C3

■ A38AC3

■ AE9EC3

■ B9B1C3

■ C4C4C3

# Harmonies

## Analogous

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



0050E8



6015C3



B2007F

# Triad

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



6015C3



823200



006466

# Complementary

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



6015C3



78C315

# 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.



00610E



6015C3



425100

# Square

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



6015C3



B00000



005D00



0066B1

# Rectangle

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



6015C3



C3004D



005D00



00634B



# Sweetspot

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



6015C3



D6B8FC



157BC3



685780



000000



808080



# Same Dimension

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



6015C3



6D00FC



B415C3



5B5761



4500A1



0E0021



# Inverse Universe

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



C31578



FC0090



24C315



61575D



A1005B

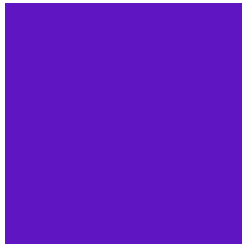


210013



# Previews

## White Background



This preview shows how the Hex color 6015C3 looks on a white background.

## Color Contrast Check

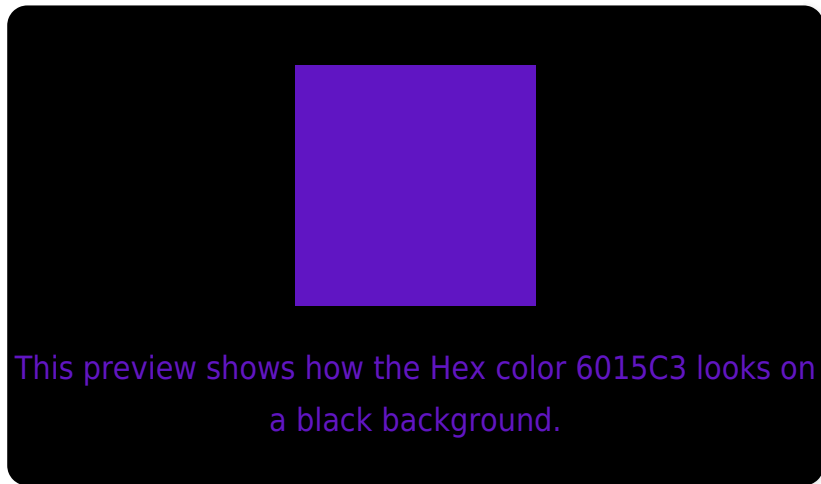
Large Text (above 18pt) WCAG AA ✓ Pass

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

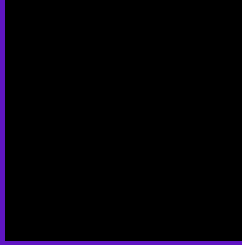
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6015C3 Background



This preview shows how black text looks on a background with the Hex color 6015C3.

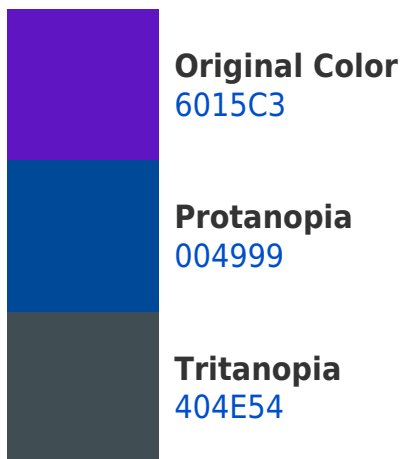


This preview shows how white text looks on a background with the Hex color 6015C3.

# 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



# Trichromacy



**Original Color**  
6015C3

**Protanomaly**  
2336A8

**Tritanomaly**  
4C397C

# Monochromacy



**Original Color**  
6015C3

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
4B306F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6015C3 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 #6015C3 looks like.

```
.text, #text, p{  
    color:#6015C3  
}
```

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 #6015C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6015C3
}
```

## Border

The CSS property to change the border of an element to Hex 6015C3 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
#6015C3 }
```

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

```
.border{ border-color:#6015C3 }
```

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

Here you see how a box with a 4 pixel #6015C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6015C3; -webkit-box-shadow:4px 4px  
4px 4px #6015C3; box-shadow:4px 4px 4px  
4px #6015C3 }
```

# Background

The CSS property to change the background color of an element to Hex 6015C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6015C3 }
```

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

```
.background{ background-color:#6015C3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**



**Follow me  
on Twitter!**

**@ConvertingColor**