

Converting Colors

Hex(4015C3)

Have a look what the booklet for
Hex(4015C3) contains.

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Color

Hex(4015C3)

Conversions

Conversions Part 1

Format	Color
Hex	4015C3
RGB	64, 21, 195
RGB Percent	25%, 8%, 76%
CMY	0.7490, 0.9176, 0.2353
CMYK	0.67, 0.89, 0.00, 0.24
HSL	255°, 81%, 42%
HSV	255°, 89%, 76%
XYZ	12.2328, 5.5665, 52.0594
YIQ	53.6930, -30.2260, 63.2300

Conversions

Conversions Part 2

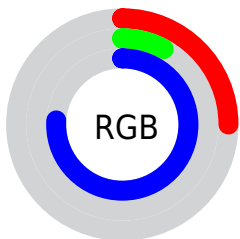
Format	Color
R _{YB}	64, 21, 195
Decimal	4199875
CIE Lab	28.29, 61.53, -80.03
CIE LCh	28, 100.949, 307.558
Yxy	5.5665, 0.1751, 0.0797
Android (android.graphics.Color)	4282389955 (0xFF4015C3)
YUV	53.6930, 69.6644, 9.0392
Hunter-Lab	23.5933, 51.2617, -114.3100

Details

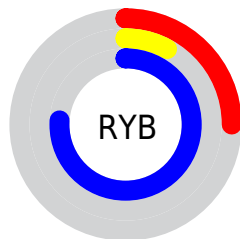
The Hex color **4015C3** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **98C315**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **824CFD**, and **00008C** is the 20% darker color. If you saturate the color by 10%, you get **3102C3**, and if you desaturate by 10%, it is **4F29C3**.

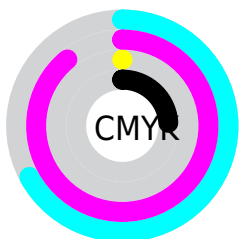
Distribution



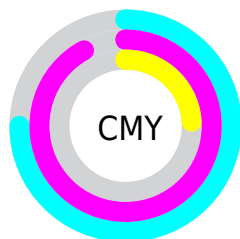
- Red (25%)
- Green (8%)
- Blue (76%)



- Red (25%)
- Yellow (8%)
- Blue (76%)



- Cyan (67%)
- Magenta (89%)
- Yellow (0%)
- Black (24%)



- Cyan (75%)
- Magenta (92%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4015C3 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 4015C3 by changing the saturation by 10% instead.

 4015C3

 4015C3

FFFFFF

 0C00A7


 824CFD

 00008C

 A166FF

 000071

 BF81FF

 000457

 DE9CFF

 00063F

 FDB8FF

 000328

 FFD4FF

 000112

 FFF1FF

 000000

 4015C3

 4015C3

■ 3102C3

■ 4F29C3

■ 3000C3

■ 5D3CC3

■ 6C4FC3

■ 7B63C3

■ 8977C3

■ 988AC3

■ A79EC3

■ B5B1C3

■ C4C4C3

Harmonies

Analogous

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



004CE5



4015C3



A50080

Triad

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



4015C3



7F2100



005A56

Complementary

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



4015C3



98C315

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.



005800



4015C3



414700

Square

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



4015C3



AA0000



005400



005DA3

Rectangle

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



4015C3



BA004D



005400



005A3A

Sweetspot

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



4015C3



C9B8FC



159AC3



615780



000000



808080

Same Dimension

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



4015C3



3E00FC



9515C3



5A5761



2800A1



080021

Inverse Universe

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



C31598



FC00BE



43C315



61575F



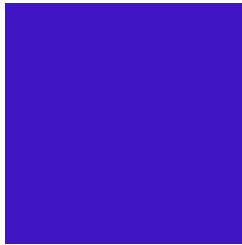
A10079



210019

Previews

White Background



This preview shows how the Hex color 4015C3 looks on a white background.

Color Contrast Check

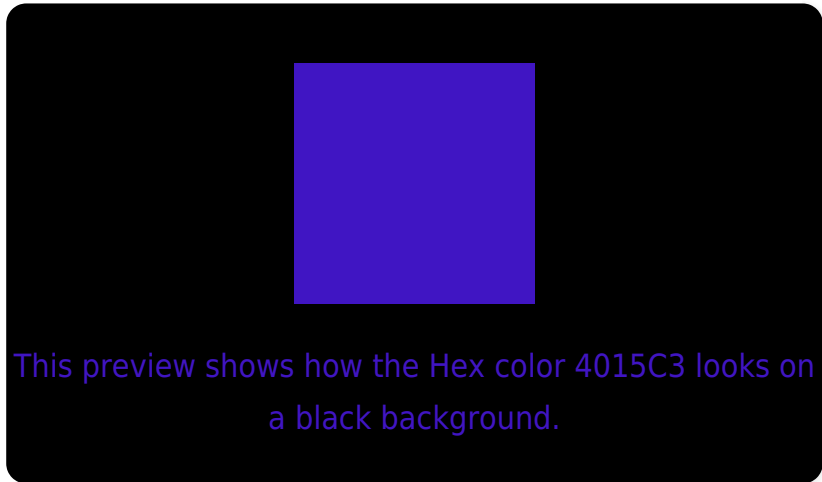
Large Text (above 18pt) WCAG AA ✓ Pass

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

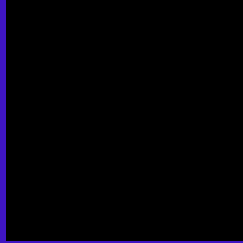
Any Text WCAG AA × Fail

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 4015C3 Background



This preview shows how black text looks on a background with the Hex color 4015C3.



This preview shows how white text looks on a background with the Hex color 4015C3.

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
4015C3

Protanopia
004189

Deuteranopia
004574



Tritanopia
004B50

Trichromacy



Original Color
4015C3

Protanomaly
17319E

Deuteranomaly
173491

Tritanomaly
17377A

Monochromacy



Original Color
4015C3

Achromatopsia
363636

Achromatomaly
3A2A69

CSS Examples

Text

The CSS property to change the color of the text to Hex 4015C3 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 #4015C3 looks like.

```
.text, #text, p{  
    color:#4015C3  
}
```

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 #4015C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4015C3
}
```

Border

The CSS property to change the border of an element to Hex 4015C3 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".

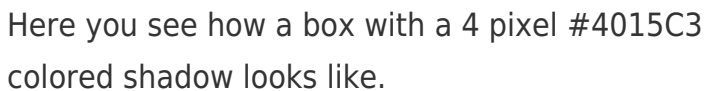
```
.border, #border, table{ border:4px solid
#4015C3 }
```

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

```
.border{ border-color:#4015C3 }
```

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

Here you see how a box with a 4 pixel #4015C3 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4015C3; -webkit-box-shadow:4px 4px  
4px 4px #4015C3; box-shadow:4px 4px 4px  
4px #4015C3 }
```

Background

The CSS property to change the background color of an element to Hex 4015C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4015C3 }
```

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

```
.background{ background-color:#4015C3 }
```

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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