

Converting Colors

Hex(4C05FF)

Have a look what the booklet for
Hex(4C05FF) contains.

Hex(4C05FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4C05FF)

Conversions

Conversions Part 1

Format	Color
Hex	4C05FF
RGB	76, 5, 255
RGB Percent	30%, 2%, 100%
CMY	0.7020, 0.9804, 0.0000
CMYK	0.70, 0.98, 0.00, 0.00
HSL	257°, 100%, 51%
HSV	257°, 98%, 100%
XYZ	21.0848, 8.8650, 95.2076
YIQ	54.7290, -37.9340, 92.8020

Conversions

Conversions Part 2

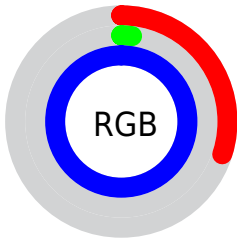
Format	Color
R_{YB}	76, 5, 255
Decimal	4982271
CIE _{Lab}	35.72, 79.73, -102.07
CIE _{LCh}	36, 129.522, 307.995
Yxy	8.8650, 0.1685, 0.0708
Android (android.graphics.Color)	4283172351 (0xFF4C05FF)
YUV	54.7290, 98.7336, 18.6547
Hunter-Lab	29.7742, 74.3008, -168.7468

Details

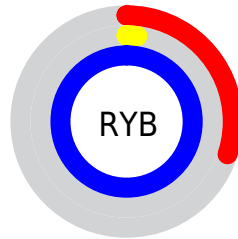
The Hex color **4C05FF** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **B8FF05**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **964DFF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **4800FF**, and if you desaturate by 10%, it is **5E1FFF**.

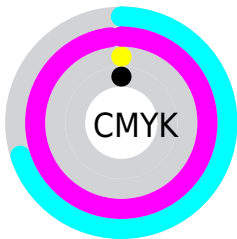
Distribution



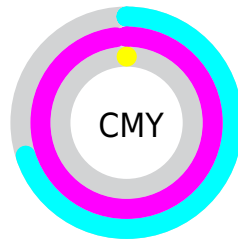
- Red (30%)
- Green (2%)
- Blue (100%)



- Red (30%)
- Yellow (2%)
- Blue (100%)



- Cyan (70%)
- Magenta (98%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (98%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C05FF 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 4C05FF by changing the saturation by 10% instead.

 4C05FF

 4C05FF

FFFFFF

 0600E1

 964DFF

 0000C4

 B76AFF

 0000A8

 D886FF

 00008C

 F8A2FF

 000772

 FFBEFF

 000C58

 FFDCFF

 000740

 FFF9FF

 000329

 000112

 4C05FF

 4C05FF

 4800FF

 5E1FFF

 7138FF

 8352FF

 956BFF

 A785FF

 BA9EFF

 CCB8FF

 DED1FF

 FOEBFF

Harmonies

Analogous

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



0062FF



4C05FF



D700A5

Triad

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



4C05FF



A12500



00726F

Complementary

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



4C05FF



B8FF05

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.



006F00



4C05FF



4E5A00

Square

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



4C05FF



DB0000



006A00



0076D6

Rectangle

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



4C05FF



F20061



006A00



00714B

Sweetspot

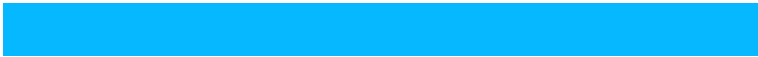
The Sweet Spot groups the original color and five complimentary colors.



4C05FF



CAB5FF



05B8FF



605380



000000



808080

Same Dimension

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



4C05FF



4800FF



C905FF



767380



3600BF



120040

Inverse Universe

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



FF05B8



FF00B7



3BFF05



80737C



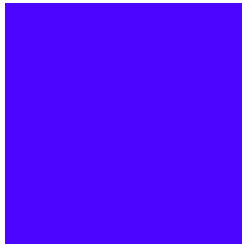
BF0089



40002E

Previews

White Background



This preview shows how the Hex color 4C05FF looks on a white background.

Color Contrast Check

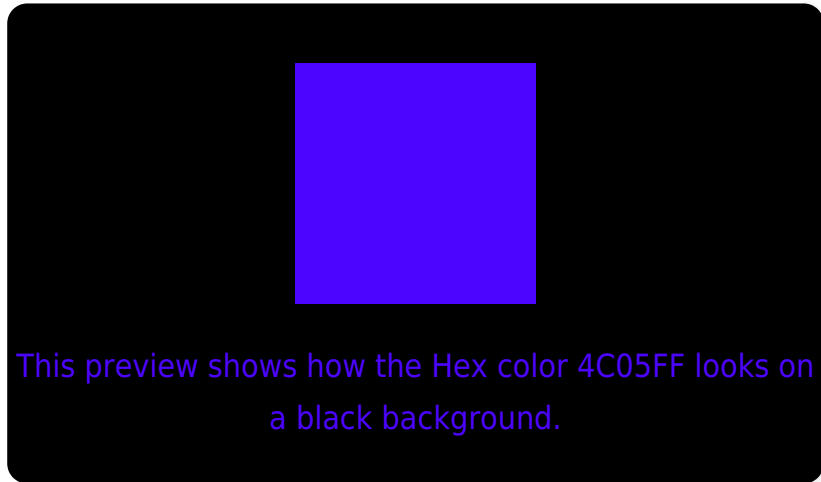
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C05FF Background



This preview shows how black text looks on a background with the Hex color 4C05FF.



This preview shows how white text looks on a background with the Hex color 4C05FF.

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
4C05FF

Protanopia
0051AB

Deuteranopia
005791



Tritanopia
005E63

Trichromacy



Original Color
4C05FF

Protanomaly
1C35CA

Deuteranomaly
1C39B9

Tritanomaly
1C3E9C

Monochromacy



Original Color
4C05FF

Achromatopsia
373737

Achromatomaly
3F2580

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C05FF 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 #4C05FF looks like.

```
.text, #text, p{  
    color:#4C05FF  
}
```

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 #4C05FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C05FF  
}
```

Border

The CSS property to change the border of an element to Hex 4C05FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

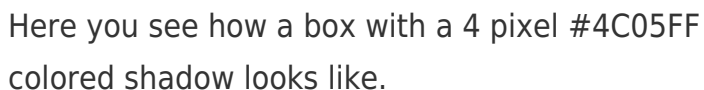
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4C05FF }
```

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

```
.border{ border-color:#4C05FF }
```

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



Here you see how a box with a 4 pixel #4C05FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C05FF; -webkit-box-shadow:4px 4px  
4px 4px #4C05FF; box-shadow:4px 4px 4px  
4px #4C05FF }
```

Background

The CSS property to change the background color of an element to Hex 4C05FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C05FF }
```

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

```
.background{ background-color:#4C05FF }
```

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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