

Converting Colors

Hex(4705FF)

Have a look what the booklet for
Hex(4705FF) contains.

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Color

Hex(4705FF)

Conversions

Conversions Part 1

Format	Color
Hex	4705FF
RGB	71, 5, 255
RGB Percent	28%, 2%, 100%
CMY	0.7216, 0.9804, 0.0000
CMYK	0.72, 0.98, 0.00, 0.00
HSL	256°, 100%, 51%
HSV	256°, 98%, 100%
XYZ	20.7028, 8.6681, 95.1897
YIQ	53.2340, -40.9140, 91.7420

Conversions

Conversions Part 2

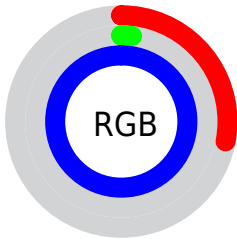
Format	Color
R_{YB}	71, 5, 255
Decimal	4654591
CIE _{Lab}	35.34, 79.56, -102.72
CIE _{LCh}	35, 129.930, 307.757
Yxy	8.6681, 0.1662, 0.0696
Android (android.graphics.Color)	4282844671 (0xFF4705FF)
YUV	53.2340, 99.4706, 15.5808
Hunter-Lab	29.4417, 73.9946, -171.0848

Details

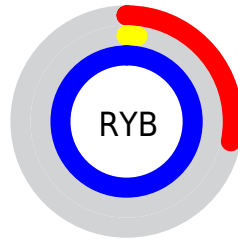
The Hex color **4705FF** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **BDFF05**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **934DFF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **4300FF**, and if you desaturate by 10%, it is **5A1FFF**.

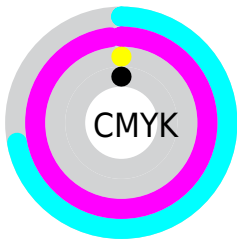
Distribution



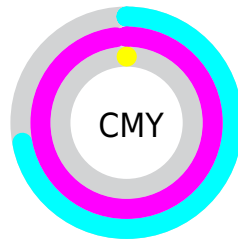
- Red (28%)
- Green (2%)
- Blue (100%)



- Red (28%)
- Yellow (2%)
- Blue (100%)



- Cyan (72%)
- Magenta (98%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (98%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4705FF 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 4705FF by changing the saturation by 10% instead.

 4705FF

 4705FF

FFFFFF

 0000E1

 934DFF

 0000C4

 B469FF

 0000A8

 D585FF

 00008C

 F6A1FF

 000972

 FFBEFF

 000C58

 FFDBFF

 000740

 FFF8FF

 000329

 000112

 4705FF

 4705FF

 4300FF

 5A1FFF

 6D38FF

 7F52FF

 926BFF

 A585FF

 B89EFF

 CAB8FF

 DDD1FF

 F0EBFF

Harmonies

Analogous

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



0061FF



4705FF



D600A5

Triad

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



4705FF



A12300



00716D

Complementary

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



4705FF



BDFF05

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.



006E00



4705FF



4D5900

Square

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



4705FF



DB0000



006900



0075D5

Rectangle

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



4705FF



F10061



006900



007049

Sweetspot

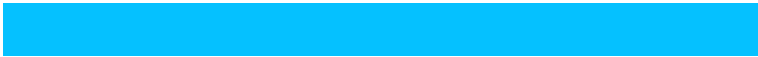
The Sweet Spot groups the original color and five complimentary colors.



4705FF



C9B5FF



05C1FF



5F5380



000000



808080

Same Dimension

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



4705FF



4300FF



C105FF



767380



3200BF



110040

Inverse Universe

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



FF05BD



FF00BC



44FF05



80737C



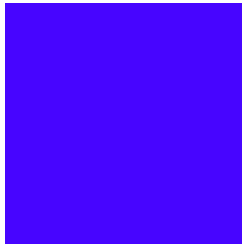
BF008D



40002F

Previews

White Background



This preview shows how the Hex color 4705FF looks on a white background.

Color Contrast Check

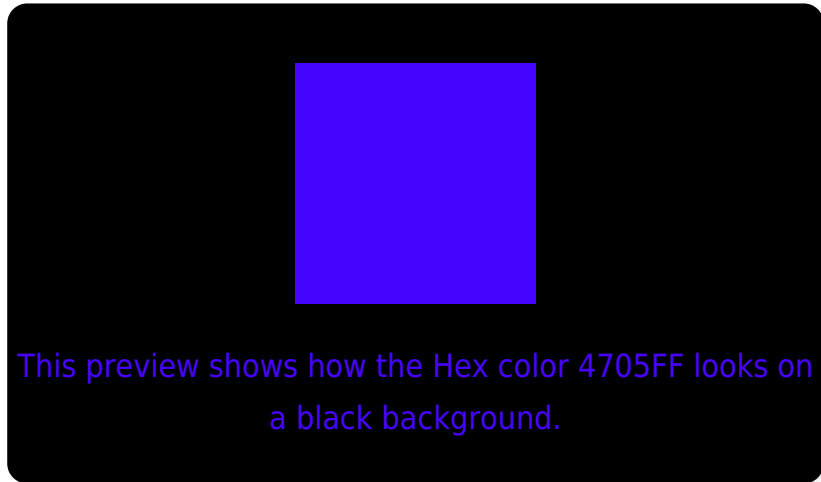
Large Text (above 18pt) WCAG AA ✓ Pass

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

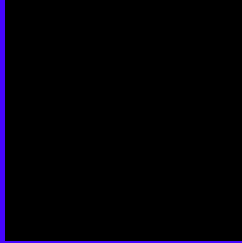
Any Text WCAG AA × Fail

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 4705FF Background



This preview shows how black text looks on a background with the Hex color 4705FF.



This preview shows how white text looks on a background with the Hex color 4705FF.

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
4705FF

Protanopia
0051A9

Deuteranopia
00568F



Tritanopia
005D62

Trichromacy



Original Color
4705FF

Protanomaly
1A35C8

Deuteranomaly
1A39B8

Tritanomaly
1A3D9B

Monochromacy



Original Color
4705FF

Achromatopsia
353535

Achromatomaly
3C247E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4705FF 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 #4705FF looks like.

```
.text, #text, p{  
  color:#4705FF  
}
```

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 #4705FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4705FF
}
```

Border

The CSS property to change the border of an element to Hex 4705FF 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
#4705FF }
```

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

```
.border{ border-color:#4705FF }
```

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

Here you see how a box with a 4 pixel #4705FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4705FF; -webkit-box-shadow:4px 4px  
4px 4px #4705FF; box-shadow:4px 4px 4px  
4px #4705FF }
```

Background

The CSS property to change the background color of an element to Hex 4705FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4705FF }
```

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

```
.background{ background-color:#4705FF }
```

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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