

# Converting Colors

Hex(2C07FF)

Have a look what the booklet for  
Hex(2C07FF) contains.

<b>Hex(2C07FF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(2C07FF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2C07FF
RGB	44, 7, 255
RGB Percent	17%, 3%, 100%
CMY	0.8275, 0.9725, 0.0000
CMYK	0.83, 0.97, 0.00, 0.00
HSL	249°, 100%, 51%
HSV	249°, 97%, 100%
XYZ	19.1647, 7.9074, 95.1239
YIQ	46.3350, -57.5560, 84.9720

# Conversions

## Conversions Part 2

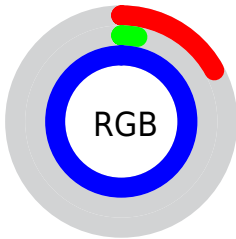
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	44, 7, 255
Decimal	2885631
CIE Lab	33.79, 78.59, -105.35
CIE LCh	34, 131.432, 306.721
Yxy	7.9074, 0.1568, 0.0647
Android (android.graphics.Color)	4281075711 (0xFF2C07FF)
YUV	46.3350, 102.8718, -2.0478
Hunter-Lab	28.1202, 72.4426, -180.8802

# Details

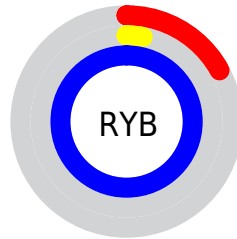
The Hex color **2C07FF** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **DAFF07**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **844BFF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **2600FF**, and if you desaturate by 10%, it is **4221FF**.

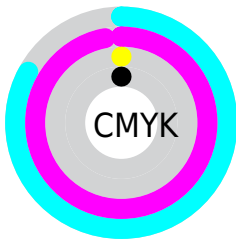
# Distribution



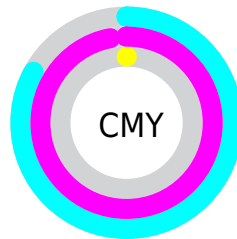
- Red (17%)
- Green (3%)
- Blue (100%)



- Red (17%)
- Yellow (3%)
- Blue (100%)



- Cyan (83%)
- Magenta (97%)
- Yellow (0%)
- Black (0%)



- Cyan (83%)
- Magenta (97%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C07FF 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 2C07FF by changing the saturation by 10% instead.



 2C07FF

 2C07FF

FFFFFF

 0000E1

 844BFF

 0000C4

 A767FF

 0000A8

 C883FF

 00008C

 E99FFF

 000E71

 FFBBFF

 000C58

 FFD8FF

 00073F

 FFF5FF

 000329

 000112

 2C07FF

 2C07FF

 2600FF

 4221FF

 573AFF

 6D54FF

 836DFF

 9887FF

 AEA0FF

 C4BAFF

 DAD3FF

 EFEDFF

# Harmonies

## Analogous

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



0060FF



2C07FF



D000A5

# Triad

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



2C07FF



9F1700



006C66

# Complementary

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



2C07FF



DAFF07

# 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.



006900



2C07FF



4D5500

# Square

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



2C07FF



D80000



006500



0071CF

# Rectangle

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



2C07FF



EC0061



006500



006B41



# Sweetspot

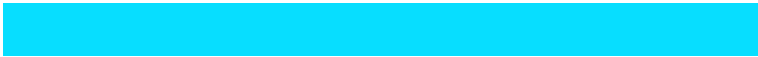
The Sweet Spot groups the original color and five complimentary colors.



2C07FF



C0B5FF



07DEFF



5A5380



000000



808080



# Same Dimension

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



2C07FF



2600FF



A407FF



757380



1D00BF



0A0040



# Inverse Universe

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



FF07DA



FF00D9



62FF07



80737E



BF00A3

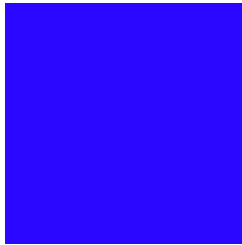


400036



# Previews

## White Background



This preview shows how the Hex color 2C07FF looks on a white background.

## Color Contrast Check

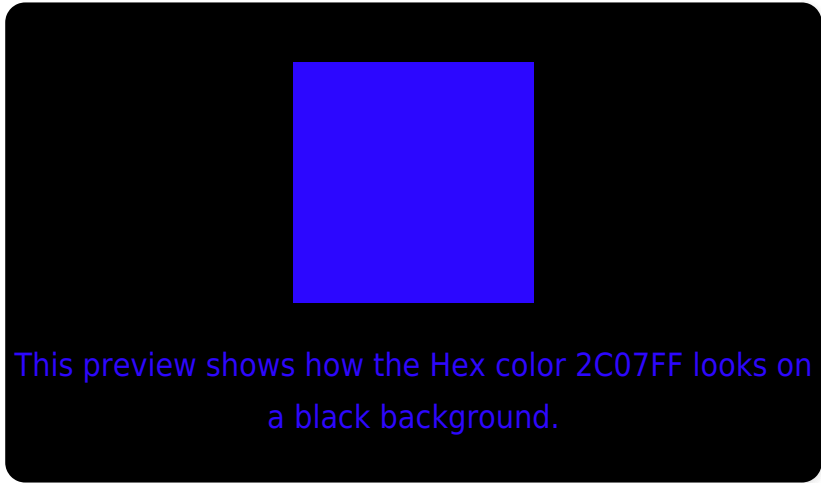
Large Text (above 18pt) WCAG AA ✓ Pass

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

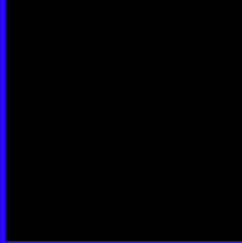
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2C07FF Background



This preview shows how black text looks on a background with the Hex color 2C07FF.



This preview shows how white text looks on a background with the Hex color 2C07FF.

# 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**  
2C07FF

**Protanopia**  
004DA1

**Deuteranopia**  
005288



**Tritanopia**  
00585C

# Trichromacy



**Original Color**  
2C07FF

**Protanomaly**  
1034C3

**Deuteranomaly**  
1037B3

**Tritanomaly**  
103B97

# Monochromacy



**Original Color**  
2C07FF

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
2D207A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C07FF 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 #2C07FF looks like.

```
.text, #text, p{  
    color:#2C07FF  
}
```

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 #2C07FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C07FF
}
```

## Border

The CSS property to change the border of an element to Hex 2C07FF 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
#2C07FF }
```

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

```
.border{ border-color:#2C07FF }
```

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

Here you see how a box with a 4 pixel #2C07FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C07FF; -webkit-box-shadow:4px 4px  
4px 4px #2C07FF; box-shadow:4px 4px 4px  
4px #2C07FF }
```

# Background

The CSS property to change the background color of an element to Hex 2C07FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C07FF }
```

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

```
.background{ background-color:#2C07FF }
```

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