

# Converting Colors

Hex(7113FF)

Have a look what the booklet for  
Hex(7113FF) contains.

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**Color**

**Hex(7113FF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7113FF
RGB	113, 19, 255
RGB Percent	44%, 7%, 100%
CMY	0.5569, 0.9255, 0.0000
CMYK	0.56, 0.93, 0.00, 0.00
HSL	264°, 100%, 54%
HSV	264°, 93%, 100%
XYZ	25.0929, 11.1965, 95.4463
YIQ	74.0100, -19.7320, 93.3240

# Conversions

## Conversions Part 2

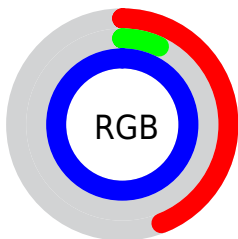
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	113, 19, 255
Decimal	7410687
CIE Lab	39.91, 79.77, -95.01
CIE LCh	40, 124.058, 310.014
Yxy	11.1965, 0.1905, 0.0850
Android (android.graphics.Color)	4285600767 (0xFF7113FF)
YUV	74.0100, 89.2281, 34.1942
Hunter-Lab	33.4611, 75.3026, -145.6993

# Details

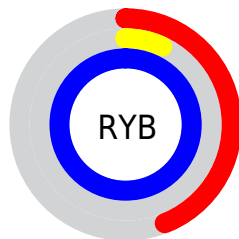
The Hex color **7113FF** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **A1FF13**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **B257FF**, and **1A00C5** is the 20% darker color. If you saturate the color by 10%, you get **6600FF**, and if you desaturate by 10%, it is **802DFF**.

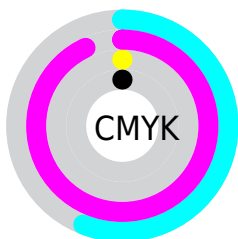
# Distribution



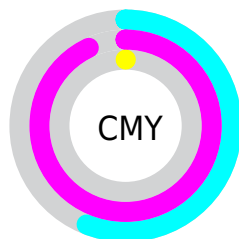
- Red (44%)
- Green (7%)
- Blue (100%)



- Red (44%)
- Yellow (7%)
- Blue (100%)



- Cyan (56%)
- Magenta (93%)
- Yellow (0%)
- Black (0%)




- Cyan (56%)
- Magenta (93%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7113FF 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 7113FF by changing the saturation by 10% instead.



 7113FF

 7113FF

FFFFFF

 4D00E1

 B257FF

 1A00C5

 D273FF

 0000A8

 F28FFF

 00008D

 FFACFF

 000072

 FFC9FF


 000C58


 FFE6FF

 000740

 000329

 000113

 7113FF

 7113FF

 6600FF

 802DFF

 9046FF

 9F60FF

 AE79FF

 BE93FF

 CDACFF

 DCC6FF

 ECDFFF

 FBF9FF

# Harmonies

## Analogous

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



0067FF



7113FF



E400A6

# Triad

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



7113FF



A73A00



007E80

# Complementary

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



7113FF



A1FF13

# 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.



007B02



7113FF



546600

# Square

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



7113FF



E20000



007500



0081E3

# Rectangle

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



7113FF



FB0064



007500



007C5C



# Sweetspot

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



7113FF



D4B8FF



13A5FF



655480



000000



808080



# Same Dimension

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



7113FF



6600FF



E313FF



787380



4C00BF



190040



# Inverse Universe

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



FF13A1



FF0099



2FFF13



80737A



BF0073

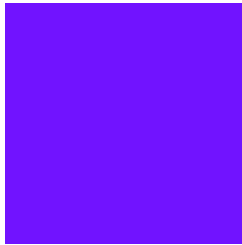


400026



# Previews

## White Background



This preview shows how the Hex color 7113FF looks on a white background.

## Color Contrast Check

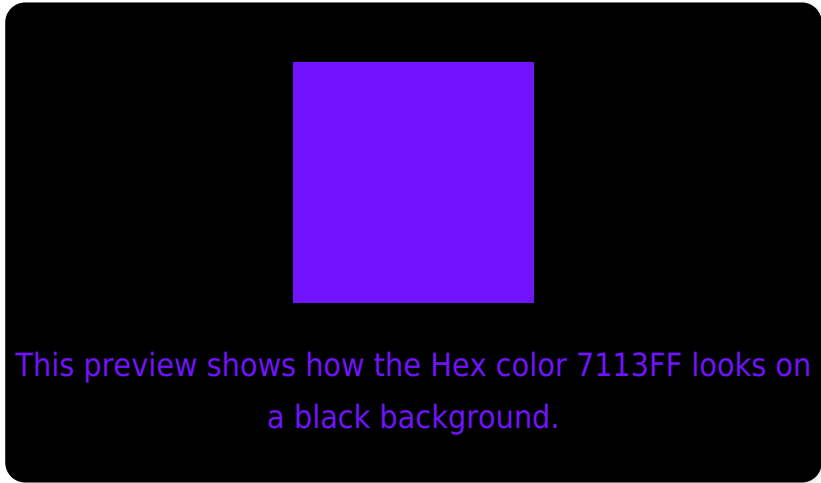
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

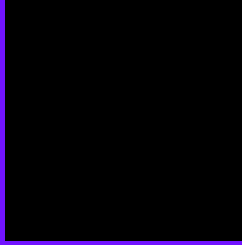
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7113FF Background



This preview shows how black text looks on a background with the Hex color 7113FF.



This preview shows how white text looks on a background with the Hex color 7113FF.

# 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**  
7113FF

**Protanopia**  
005BBF

**Deuteranopia**  
0061A3



**Tritanopia**  
3C646C

# Trichromacy



**Original Color**

7113FF



**Protanomaly**

2941D6



**Deuteranomaly**

2945C4



**Tritanomaly**

4F47A1

# Monochromacy



**Original Color**

7113FF



**Achromatopsia**

4A4A4A



**Achromatomaly**

58368C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7113FF 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 #7113FF looks like.

```
.text, #text, p{  
    color:#7113FF  
}
```

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 #7113FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7113FF
}
```

## Border

The CSS property to change the border of an element to Hex 7113FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

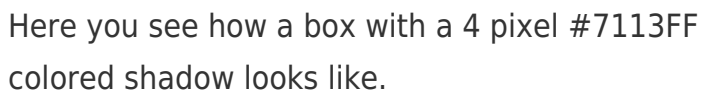
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7113FF }
```

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

```
.border{ border-color:#7113FF }
```

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



Here you see how a box with a 4 pixel `#7113FF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7113FF; -webkit-box-shadow:4px 4px  
4px 4px #7113FF; box-shadow:4px 4px 4px  
4px #7113FF }
```

# Background

The CSS property to change the background color of an element to Hex 7113FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7113FF }
```

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

```
.background{ background-color:#7113FF }
```

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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