

# Converting Colors

Hex(4112FF)

Have a look what the booklet for  
Hex(4112FF) contains.

<b>Hex(4112FF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(4112FF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4112FF
RGB	65, 18, 255
RGB Percent	25%, 7%, 100%
CMY	0.7451, 0.9294, 0.0000
CMYK	0.75, 0.93, 0.00, 0.00
HSL	252°, 100%, 54%
HSV	252°, 93%, 100%
XYZ	20.4463, 8.7764, 95.2241
YIQ	59.0710, -48.0650, 83.6710

# Conversions

## Conversions Part 2

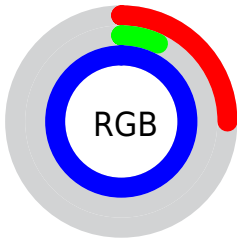
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	65, 18, 255
Decimal	4264703
CIE Lab	35.55, 77.39, -102.38
CIE LCh	36, 128.341, 307.086
Yxy	8.7764, 0.1643, 0.0705
Android (android.graphics.Color)	4282454783 (0xFF4112FF)
YUV	59.0710, 96.5930, 5.1997
Hunter-Lab	29.6250, 71.3513, -169.8390

# Details

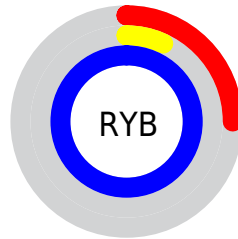
The Hex color **4112FF** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **D0FF12**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **8F51FF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **3300FF**, and if you desaturate by 10%, it is **552CFF**.

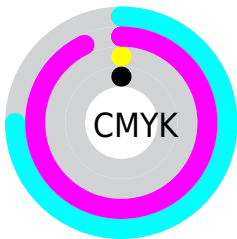
# Distribution



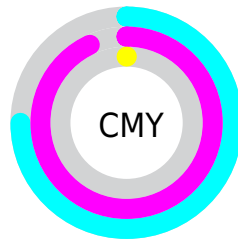
- Red (25%)
- Green (7%)
- Blue (100%)



- Red (25%)
- Yellow (7%)
- Blue (100%)



- Cyan (75%)
- Magenta (93%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (93%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4112FF 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 4112FF by changing the saturation by 10% instead.



 4112FF

 4112FF

FFFFFF

 0000E1

 8F51FF

 0000C4

 B06DFF

 0000A8

 D188FF

 00008C

 F2A4FF

 000A72

 FFC1FF

 000C58

 FFDEFF

 000740

 FFFBFF

 000329

 000113

■ 4112FF

■ 4112FF

■ 3300FF

■ 552CFF

■ 6A45FF

■ 7E5FFF

■ 9378FF

■ A792FF

■ BCABFF

■ D0C5FF

■ E5DEFF

■ F9F8FF

# Harmonies

## Analogous

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



0062FF



4112FF



D400A7

# Triad

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



4112FF



A22200



00716B

# Complementary

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



4112FF



D0FF12

# 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



4112FF



515900

# Square

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



4112FF



DB0000



006900



0075D2

# Rectangle

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



4112FF



EF0063



006900



007047



# Sweetspot

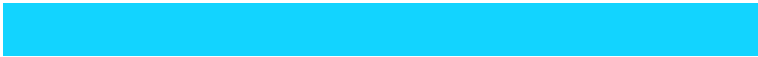
The Sweet Spot groups the original color and five complimentary colors.



4112FF



C6B8FF



12D4FF



5D5480



000000



808080



# Same Dimension

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



4112FF



3300FF



B412FF



757380



2600BF



0D0040



# Inverse Universe

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



FF12D0



FF00CC



5DFF12



80737D



BF0099

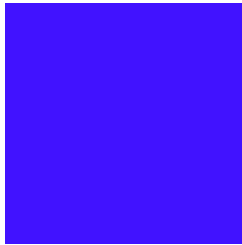


400033



# Previews

## White Background



This preview shows how the Hex color 4112FF looks on a white background.

## Color Contrast Check

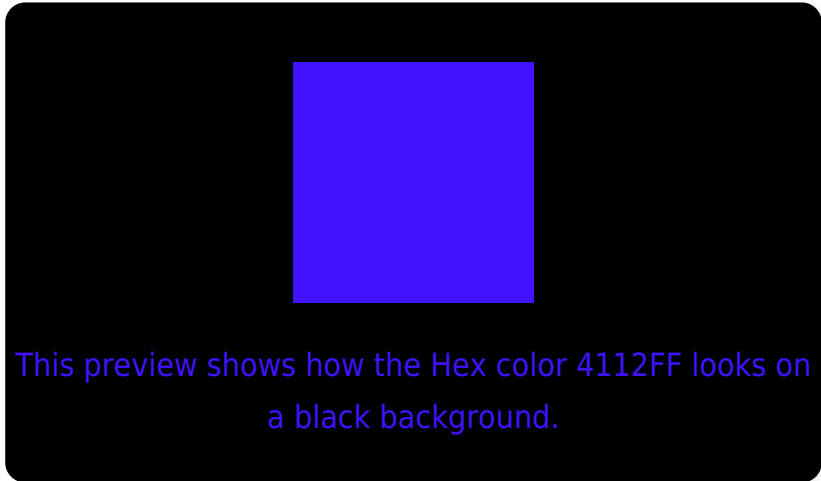
Large Text (above 18pt) WCAG AA ✓ Pass

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

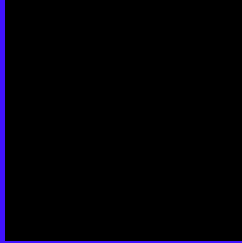
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4112FF Background



This preview shows how black text looks on a background with the Hex color 4112FF.

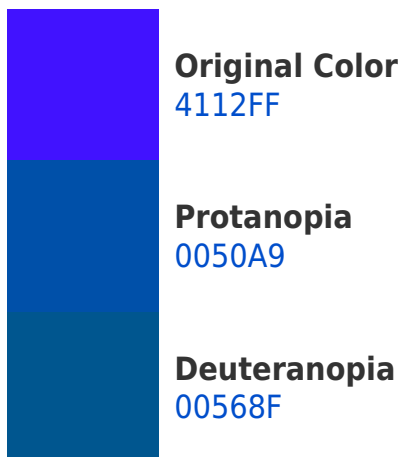



This preview shows how white text looks on a background with the Hex color 4112FF.

# 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





**Tritanopia**  
005C61

# Trichromacy



**Original Color**  
4112FF

**Protanomaly**  
1839C8

**Deuteranomaly**  
183DB8

**Tritanomaly**  
18419A

# Monochromacy



**Original Color**  
4112FF

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
3D2C82

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4112FF 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 #4112FF looks like.

```
.text, #text, p{  
    color:#4112FF  
}
```

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 #4112FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4112FF
}
```

## Border

The CSS property to change the border of an element to Hex 4112FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

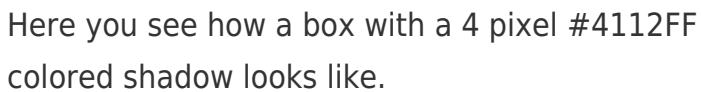
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4112FF }
```

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

```
.border{ border-color:#4112FF }
```

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



Here you see how a box with a 4 pixel #4112FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4112FF; -webkit-box-shadow:4px 4px  
4px 4px #4112FF; box-shadow:4px 4px 4px  
4px #4112FF }
```

# Background

The CSS property to change the background color of an element to Hex 4112FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4112FF }
```

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

```
.background{ background-color:#4112FF }
```

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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