

# Converting Colors

Hex(1164FF)

Have a look what the booklet for  
Hex(1164FF) contains.

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# Color

**Hex(1164FF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1164FF
RGB	17, 100, 255
RGB Percent	7%, 39%, 100%
CMY	0.9333, 0.6078, 0.0000
CMYK	0.93, 0.61, 0.00, 0.00
HSL	219°, 100%, 53%
HSV	219°, 93%, 100%
XYZ	22.8383, 16.4535, 96.5799
YIQ	92.8530, -99.2230, 30.6090

# Conversions

## Conversions Part 2

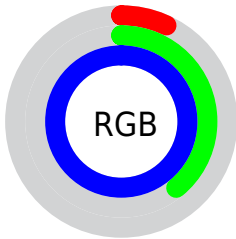
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	17, 79, 255
Decimal	1139967
CIE Lab	47.56, 36.86, -82.57
CIE LCh	48, 90.426, 294.058
Yxy	16.4535, 0.1681, 0.1211
Android (android.graphics.Color)	4279330047 (0xFF1164FF)
YUV	92.8530, 79.9385, -66.5231
Hunter-Lab	40.5629, 29.5166, -112.7748

# Details

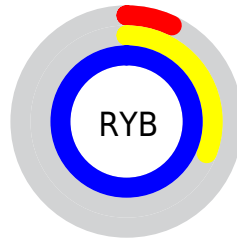
The Hex color **1164FF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **FFAC11**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7596FF**, and **0037C5** is the 20% darker color. If you saturate the color by 10%, you get **0059FF**, and if you desaturate by 10%, it is **2B75FF**.

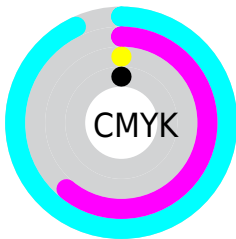
# Distribution



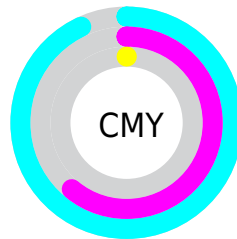
- Red (7%)
- Green (39%)
- Blue (100%)



- Red (7%)
- Yellow (31%)
- Blue (100%)



- Cyan (93%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)



- Cyan (93%)
- Magenta (61%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1164FF 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 1164FF by changing the saturation by 10% instead.



 1164FF

FFFFFF

 7596FF

 97B1FF

 B8CCFF

 D8E8FF

 F8FFFF

 1164FF

 004DE2

 0037C5

 0023A9

 00138D

 000273

 000D59

 000741

 00032A

 000114

■ 1164FF

■ 1164FF

■ 0059FF

■ 2B75FF

■ 4485FF

■ 5E96FF

■ 77A6FF

■ 91B7FF

■ AAC8FF

■ C4D8FF

■ DDE9FF

■ F7F9FF

# Harmonies

## Analogous

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



0080FF



1164FF



B92BCC

# Triad

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



1164FF



CC4000



008D5F

# Complementary

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



1164FF



FFAC11

# 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.



008900



1164FF



976900

# Square

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



1164FF



EC0039



4E7E00



008FAE

# Rectangle

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



1164FF



DF009D



4E7E00



008C43



# Sweetspot

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



1164FF



B8D1FF



11FFAC



546380



000000



808080



# Same Dimension

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



1164FF



0059FF



3511FF



737780



0043BF



001640



# Inverse Universe

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



FF1164



FF0059



DBFF11



807377



BF0043



400016



# Previews

## White Background



This preview shows how the Hex color 1164FF looks on a white background.

## Color Contrast Check

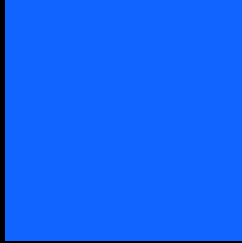
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 1164FF looks on a 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 1164FF Background



This preview shows how black text looks on a background with the Hex color 1164FF.

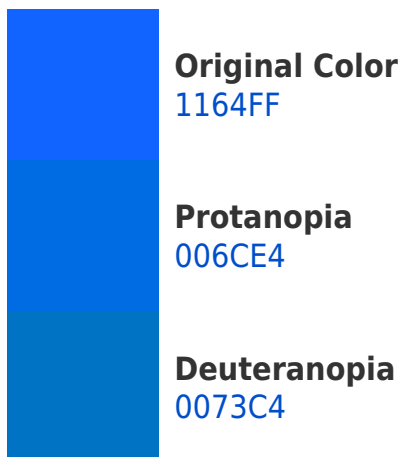


This preview shows how white text looks on a background with the Hex color 1164FF.

# 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**  
007C84

# Trichromacy



**Original Color**  
1164FF

**Protanomaly**  
0669EE

**Deuteranomaly**  
066ED9

**Tritanomaly**  
0673B1

# Monochromacy



**Original Color**  
1164FF

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
416098

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1164FF 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 #1164FF looks like.

```
.text, #text, p{  
    color:#1164FF  
}
```

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 #1164FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1164FF
}
```

## Border

The CSS property to change the border of an element to Hex 1164FF 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
#1164FF }
```

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

```
.border{ border-color:#1164FF }
```

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

Here you see how a box with a 4 pixel #1164FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1164FF; -webkit-box-shadow:4px 4px  
4px 4px #1164FF; box-shadow:4px 4px 4px  
4px #1164FF }
```

# Background

The CSS property to change the background color of an element to Hex 1164FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1164FF }
```

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

```
.background{ background-color:#1164FF }
```

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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