

Converting Colors

Hex(1445FF)

Have a look what the booklet for
Hex(1445FF) contains.

Hex(1445FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1445FF)

Conversions

Conversions Part 1

Format	Color
Hex	1445FF
RGB	20, 69, 255
RGB Percent	8%, 27%, 100%
CMY	0.9216, 0.7294, 0.0000
CMYK	0.92, 0.73, 0.00, 0.00
HSL	227°, 100%, 54%
HSV	227°, 92%, 100%
XYZ	20.4666, 11.6250, 95.7729
YIQ	75.5530, -88.9100, 47.4580

Conversions

Conversions Part 2

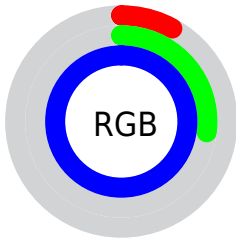
Format	Color
R _Y B	20, 61, 255
Decimal	1328639
CIE Lab	40.61, 55.67, -94.02
CIE LCh	41, 109.261, 300.629
Yxy	11.6250, 0.1601, 0.0909
Android (android.graphics.Color)	4279518719 (0xFF1445FF)
YUV	75.5530, 88.4674, -48.7200
Hunter-Lab	34.0954, 47.4821, -142.6769

Details

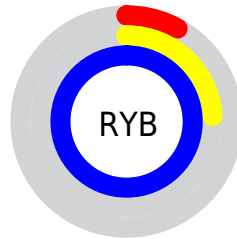
The Hex color **1445FF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FFCE14**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7876FF**, and **0018C5** is the 20% darker color. If you saturate the color by 10%, you get **0035FF**, and if you desaturate by 10%, it is **2E59FF**.

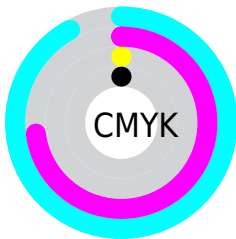
Distribution



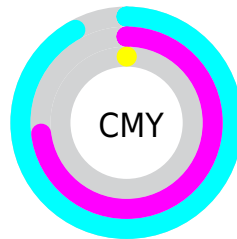
- Red (8%)
- Green (27%)
- Blue (100%)



- Red (8%)
- Yellow (24%)
- Blue (100%)



- Cyan (92%)
- Magenta (73%)
- Yellow (0%)
- Black (0%)



- Cyan (92%)
- Magenta (73%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1445FF 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 1445FF by changing the saturation by 10% instead.

 1445FF

 1445FF

FFFFFF

 002EE2

 7876FF

 0018C5

 9B90FF

 0006A8

 BCABFF

 00008D

 DDC7FF

 000A72

 FDE3FF

 000D58

 000740

 000329

 000113

 1445FF

 1445FF

 0035FF

 2E59FF

 476DFF

 6182FF

 7A96FF

 93AAFF

 ADBEFF

 C7D2FF

 E0E6FF

 FAFBFF

Harmonies

Analogous

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



006FFF



1445FF



C300BA

Triad

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



1445FF



B72B00



007D60

Complementary

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



1445FF



FFCE14

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.



007A00



1445FF



745E00

Square

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



1445FF



E3000B



007200



007FBB

Rectangle

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



1445FF



E60080



007200



007C40

Sweetspot

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



1445FF



B8C6FF



14FFCC



545D80



000000



808080

Same Dimension

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



1445FF



0035FF



5714FF



737580



0028BF



000D40

Inverse Universe

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



FF1445



FF0035



BCFF14



807375



BF0028



40000D

Previews

White Background



This preview shows how the Hex color 1445FF looks on a white background.

Color Contrast Check

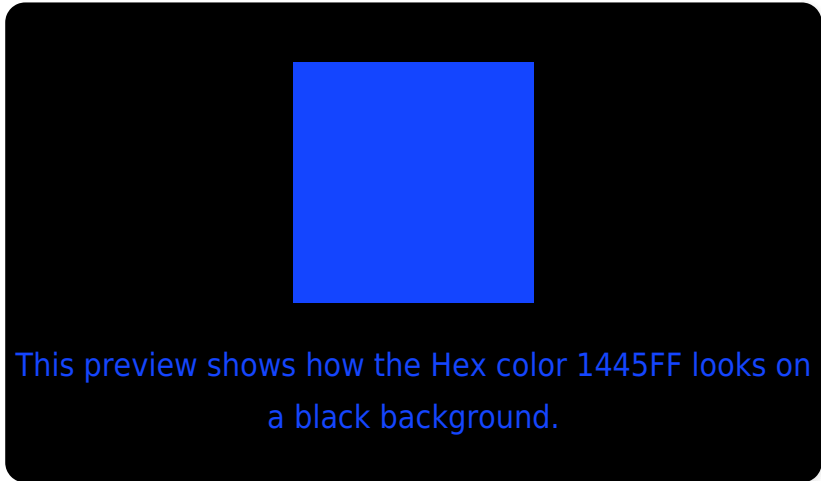
Large Text (above 18pt) WCAG AA ✓ Pass

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

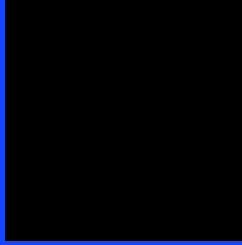
Any Text WCAG AA × Fail

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 1445FF Background



This preview shows how black text looks on a background with the Hex color 1445FF.

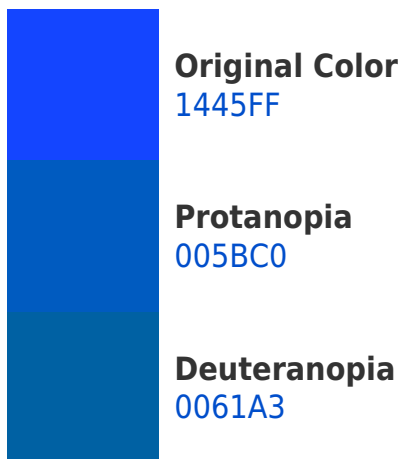


This preview shows how white text looks on a background with the Hex color 1445FF.

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
00696F

Trichromacy



Original Color
1445FF

Protanomaly
0753D7

Deuteranomaly
0757C4

Tritanomaly
075CA3

Monochromacy



Original Color
1445FF

Achromatopsia
4C4C4C

Achromatomaly
38498D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1445FF 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 #1445FF looks like.

```
.text, #text, p{  
    color:#1445FF  
}
```

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 #1445FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1445FF
}
```

Border

The CSS property to change the border of an element to Hex 1445FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

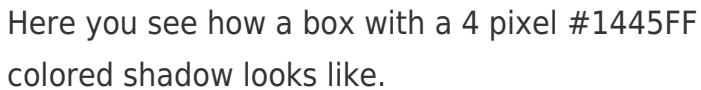
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1445FF }
```

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

```
.border{ border-color:#1445FF }
```

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



Here you see how a box with a 4 pixel #1445FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1445FF; -webkit-box-shadow:4px 4px  
4px 4px #1445FF; box-shadow:4px 4px 4px  
4px #1445FF }
```

Background

The CSS property to change the background color of an element to Hex 1445FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1445FF }
```

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

```
.background{ background-color:#1445FF }
```

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