

Converting Colors

Hex(1E4FFC)

Have a look what the booklet for
Hex(1E4FFC) contains.

Hex(1E4FFC)	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(1E4FFC)

Conversions

Conversions Part 1

Format	Color
Hex	1E4FFC
RGB	30, 79, 252
RGB Percent	12%, 31%, 99%
CMY	0.8824, 0.6902, 0.0118
CMYK	0.88, 0.69, 0.00, 0.01
HSL	227°, 97%, 55%
HSV	227°, 88%, 99%
XYZ	20.9021, 12.8963, 93.4830
YIQ	84.0710, -84.7370, 43.4150

Conversions

Conversions Part 2

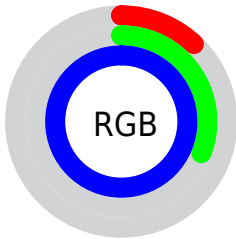
Format	Color
R_{YB}	30, 70, 252
Decimal	1986556
CIE _{Lab}	42.61, 49.19, -89.04
CIE _{LCh}	43, 101.724, 298.916
Yxy	12.8963, 0.1642, 0.1013
Android (android.graphics.Color)	4280176636 (0xFF1E4FFC)
YUV	84.0710, 82.7890, -47.4203
Hunter-Lab	35.9114, 41.0505, -129.2034

Details

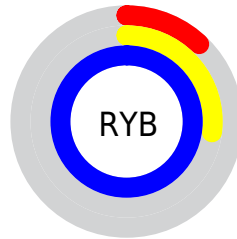
The Hex color **1E4FFC** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **FCCB1E**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7980FF**, and **0023C2** is the 20% darker color. If you saturate the color by 10%, you get **053BFC**, and if you desaturate by 10%, it is **3763FC**.

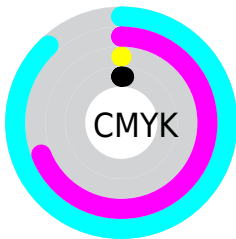
Distribution



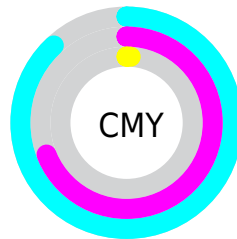
- Red (12%)
- Green (31%)
- Blue (99%)



- Red (12%)
- Yellow (27%)
- Blue (99%)



- Cyan (88%)
- Magenta (69%)
- Yellow (0%)
- Black (1%)



- Cyan (88%)
- Magenta (69%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E4FFC 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 1E4FFC by changing the saturation by 10% instead.

 1E4FFC

 1E4FFC

FFFFFF

 0038DF

 7980FF

 0023C2

 9B9BFF

 0010A6

 BCB5FF

 00008A

 DCD1FF

 000770

 FCEEFF

 000C56

 00063E

 000327

 000111

■ 1E4FFC

■ 1E4FFC

■ 053BFC

■ 3763FC

■ 0038FC

■ 5076FC

■ 6A8AFC

■ 839EFC

■ 9CB1FC

■ B5C5FC

■ CED8FC

■ E8ECFC

FFFFFC

Harmonies

Analogous

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



0073FF



1E4FFC



BF00BD

Triad

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



1E4FFC



BC3300



00825F

Complementary

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



1E4FFC



FCCB1E

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.



007E00



1E4FFC



7E6100

Square

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



1E4FFC



E4001B



187600



0083B5

Rectangle

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



1E4FFC



E20088



187600



008141

Sweetspot

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



1E4FFC



BDCBFF



1EFCC8



586180



000000



808080

Same Dimension

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



1E4FFC



0038FF



591EFC



70737D



002ABD



000E3D

Inverse Universe

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



FC1E4F



FF0038



C1FC1E



7D7073



BD002A



3D000E

Previews

White Background



This preview shows how the Hex color 1E4FFC looks on a white background.

Color Contrast Check

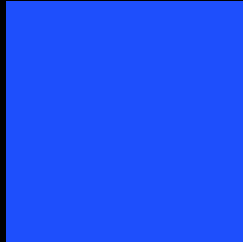
Large Text (above 18pt) WCAG AA ✓ Pass

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 1E4FFC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

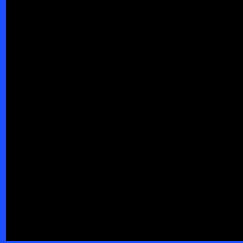
Any Text WCAG AA × Fail

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 1E4FFC Background



This preview shows how black text looks on a background with the Hex color 1E4FFC.



This preview shows how white text looks on a background with the Hex color 1E4FFC.

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
006F75

Trichromacy



Original Color
1E4FFC

Protanomaly
0B5ADC

Deuteranomaly
0B5ECA

Tritanomaly
0B63A6

Monochromacy



Original Color
1E4FFC

Achromatopsia
545454

Achromatomaly
405291

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E4FFC 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 #1E4FFC looks like.

```
.text, #text, p{  
    color:#1E4FFC  
}
```

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 #1E4FFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E4FFC
}
```

Border

The CSS property to change the border of an element to Hex 1E4FFC 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
#1E4FFC }
```

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

```
.border{ border-color:#1E4FFC }
```

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

Here you see how a box with a 4 pixel #1E4FFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E4FFC; -webkit-box-shadow:4px 4px  
4px 4px #1E4FFC; box-shadow:4px 4px 4px  
4px #1E4FFC }
```

Background

The CSS property to change the background color of an element to Hex 1E4FFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E4FFC }
```

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

```
.background{ background-color:#1E4FFC }
```

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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