

Converting Colors

Hex(164FF4)

Have a look what the booklet for
Hex(164FF4) contains.

| | |
|--|----|
| Hex(164FF4) | 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> | 28 |

Color

Hex(164FF4)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 164FF4 |
| RGB | 22, 79, 244 |
| RGB Percent | 9%, 31%, 96% |
| CMY | 0.9137, 0.6902, 0.0431 |
| CMYK | 0.91, 0.68, 0.00, 0.04 |
| HSL | 225°, 91%, 52% |
| HSV | 225°, 91%, 96% |
| XYZ | 19.4560, 12.2942, 86.9355 |
| YIQ | 80.7670, -86.9370, 39.2310 |

Conversions

Conversions Part 2

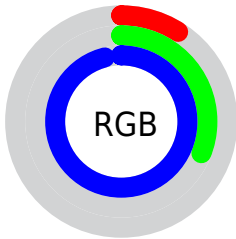
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 22, 67, 244 |
| Decimal | 1462260 |
| CIE _{Lab} | 41.68, 46.05, -86.09 |
| CIE _{LCh} | 42, 97.638, 298.143 |
| Yxy | 12.2942, 0.1639, 0.1036 |
| Android (android.graphics.Color) | 4279652340 (0xFF164FF4) |
| YUV | 80.7670, 80.4739, -51.5387 |
| Hunter-Lab | 35.0631, 37.6867, -122.4597 |

Details

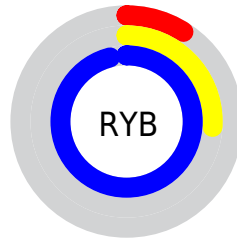
The Hex color **164FF4** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **F4BB16**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **7580FF**, and **0023BA** is the 20% darker color. If you saturate the color by 10%, you get **003FF4**, and if you desaturate by 10%, it is **2E61F4**.

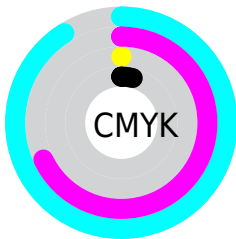
Distribution



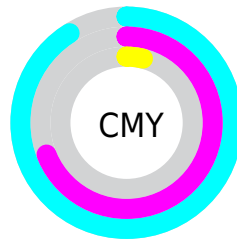
- Red (9%)
- Green (31%)
- Blue (96%)



- Red (9%)
- Yellow (26%)
- Blue (96%)



- Cyan (91%)
- Magenta (68%)
- Yellow (0%)
- Black (4%)



- Cyan (91%)
- Magenta (69%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 164FF4 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 164FF4 by changing the saturation by 10% instead.

 164FF4

FFFFFF

 7580FF

 979AFF

 B7B5FF

 D7D1FF

 F7EDFF

 164FF4

 0038D7

 0023BA

 00119E

 000083

 000A69

 000A50

 000538

 000221

 000007

■ 164FF4

■ 164FF4

■ 003FF4

■ 2E61F4

■ 4773F4

■ 5F85F4

■ 7898F4

■ 90AAF4

■ A8BCF4

■ C1CEF4

■ D9E0F4

■ F2F2F4

Harmonies

Analogous

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



0071FF



164FF4



B700B9

Triad

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



164FF4



B83200



007E5B

Complementary

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



164FF4



F4BB16

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.



007B00



164FF4



7D5E00

Square

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



164FF4



DD001E



227200



0080AD

Rectangle

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



164FF4



DA0086



227200



007E3E

Sweetspot

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



164FF4



BACCFE



16F4B9



576180



000000



808080

Same Dimension

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



164FF4



0041FF



4A16F4



6E717A



0030BA



000F3B

Inverse Universe

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



F4164F



FF0041



C0F416



7A6E71



BA0030



3B000F

Previews

White Background



This preview shows how the Hex color 164FF4 looks on a white background.

Color Contrast Check

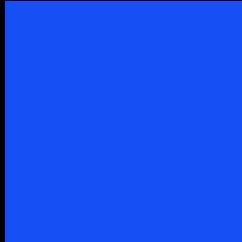
Large Text (above 18pt) WCAG AA ✓ Pass

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 164FF4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

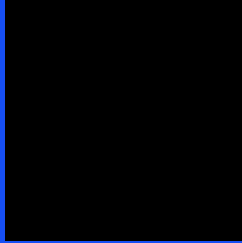
Any Text WCAG AA × Fail

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 164FF4 Background



This preview shows how black text looks on a background with the Hex color 164FF4.

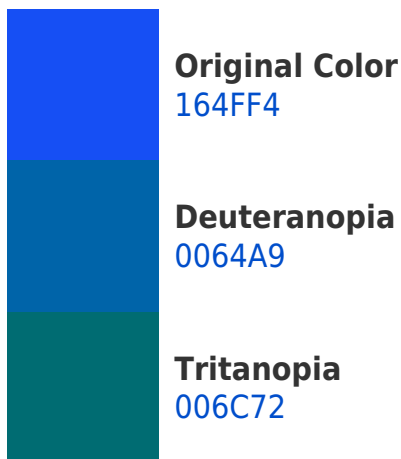


This preview shows how white text looks on a background with the Hex color 164FF4.

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



Trichromacy



Original Color
164FF4

Deuteranomaly
085CC4

Tritanomaly
0861A1

Monochromacy



Original Color
164FF4

Achromatopsia
515151

Achromatomaly
3C508C

CSS Examples

Text

The CSS property to change the color of the text to Hex 164FF4 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 #164FF4 looks like.

```
.text, #text, p{  
    color:#164FF4  
}
```

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 #164FF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #164FF4
}
```

Border

The CSS property to change the border of an element to Hex 164FF4 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
#164FF4 }
```

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

```
.border{ border-color:#164FF4 }
```

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

Here you see how a box with a 4 pixel #164FF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #164FF4; -webkit-box-shadow:4px 4px  
4px 4px #164FF4; box-shadow:4px 4px 4px  
4px #164FF4 }
```

Background

The CSS property to change the background color of an element to Hex 164FF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#164FF4 }
```

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

```
.background{ background-color:#164FF4 }
```

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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