

Converting Colors

Hex(194DFF)

Have a look what the booklet for
Hex(194DFF) contains.

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Color

Hex(194DFF)

Conversions

Conversions Part 1

Format	Color
Hex	194DFF
RGB	25, 77, 255
RGB Percent	10%, 30%, 100%
CMY	0.9020, 0.6980, 0.0000
CMYK	0.90, 0.70, 0.00, 0.00
HSL	226°, 100%, 55%
HSV	226°, 90%, 100%
XYZ	21.1048, 12.7344, 95.9534
YIQ	81.7440, -88.1300, 44.3340

Conversions

Conversions Part 2

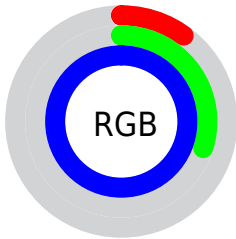
Format	Color
RYB	25, 67, 255
Decimal	1658367
CIELab	42.36, 51.22, -91.13
CIElCh	42, 104.535, 299.339
Yxy	12.7344, 0.1626, 0.0981
Android (android.graphics.Color)	4279848447 (0xFF194DFF)
YUV	81.7440, 85.4152, -49.7645
Hunter-Lab	35.6853, 43.1180, -134.4437

Details

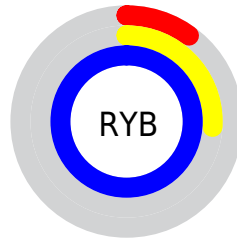
The Hex color **194DFF** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **FFCB19**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **797EFF**, and **0021C5** is the 20% darker color. If you saturate the color by 10%, you get **003AFF**, and if you desaturate by 10%, it is **3261FF**.

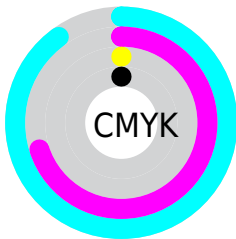
Distribution



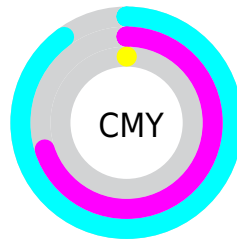
- Red (10%)
- Green (30%)
- Blue (100%)



- Red (10%)
- Yellow (26%)
- Blue (100%)



- Cyan (90%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (70%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 194DFF 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 194DFF by changing the saturation by 10% instead.

 194DFF

 194DFF

FFFFFF

 0036E2

 797EFF

 0021C5

 9B99FF

 000EA9

 BCB3FF

 00008D

 DDCFFF

 000872

 FDEBFF

 000D59

 000740

 000329

 000113

■ 194DFF

■ 194DFF

■ 003AFF

■ 3261FF

■ 4C74FF

■ 6588FF

■ 7F9CFF

■ 98B0FF

■ B2C3FF

■ CBD7FF

■ E5EBFF

FEFFFF

Harmonies

Analogous

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



0073FF



194DFF



C200BE

Triad

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



194DFF



BC3000



008160

Complementary

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



194DFF



FFCB19

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



194DFF



7C6100

Square

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



194DFF



E60017



087600



0083B8

Rectangle

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



194DFF



E50087



087600



008041

Sweetspot

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



194DFF



BACAFF



19FFC9



576080



000000



808080

Same Dimension

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



194DFF



003AFF



5619FF



737680



002BBF



000E40

Inverse Universe

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



FF194D



FF003A



C2FF19



807376



BF002B



40000E

Previews

White Background



This preview shows how the Hex color 194DFF looks on a white background.

Color Contrast Check

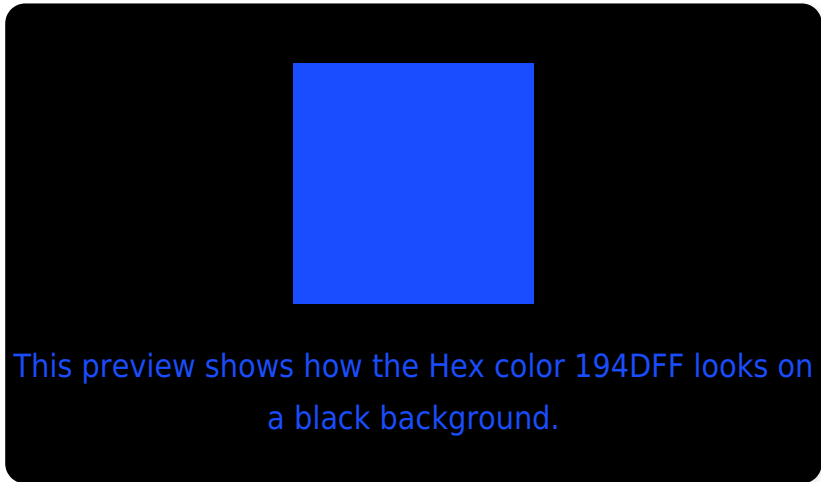
Large Text (above 18pt) WCAG AA ✓ Pass

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

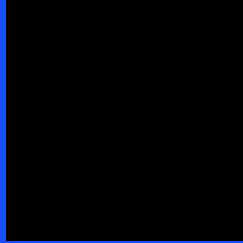
Any Text WCAG AA × Fail

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 194DFF Background



This preview shows how black text looks on a background with the Hex color 194DFF.

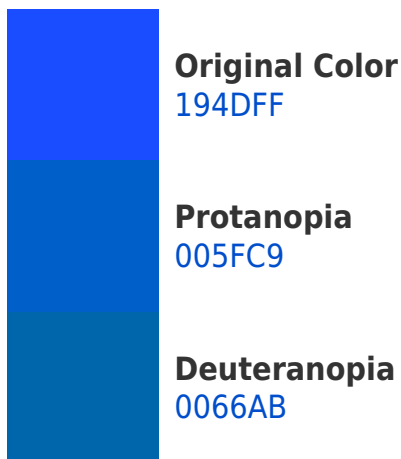


This preview shows how white text looks on a background with the Hex color 194DFF.

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
006E74

Trichromacy



Original Color
194DFF

Protanomaly
0958DD

Deuteranomaly
095DCA

Tritanomaly
0962A7

Monochromacy



Original Color
194DFF

Achromatopsia
525252

Achromatomaly
3D5091

CSS Examples

Text

The CSS property to change the color of the text to Hex 194DFF 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 #194DFF looks like.

```
.text, #text, p{  
    color:#194DFF  
}
```

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 #194DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #194DFF
}
```

Border

The CSS property to change the border of an element to Hex 194DFF 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
#194DFF }
```

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

```
.border{ border-color:#194DFF }
```

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

Here you see how a box with a 4 pixel #194DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #194DFF; -webkit-box-shadow:4px 4px  
4px 4px #194DFF; box-shadow:4px 4px 4px  
4px #194DFF }
```

Background

The CSS property to change the background color of an element to Hex 194DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#194DFF }
```

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

```
.background{ background-color:#194DFF }
```

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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