

Converting Colors

Hex(191FFA)

Have a look what the booklet for
Hex(191FFA) contains.

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Color

Hex(191FFA)

Conversions

Conversions Part 1

Format	Color
Hex	191FFA
RGB	25, 31, 250
RGB Percent	10%, 12%, 98%
CMY	0.9020, 0.8784, 0.0196
CMYK	0.90, 0.88, 0.00, 0.02
HSL	238°, 96%, 54%
HSV	238°, 90%, 98%
XYZ	18.1462, 8.0888, 91.0474
YIQ	54.1720, -73.8750, 66.8370

Conversions

Conversions Part 2

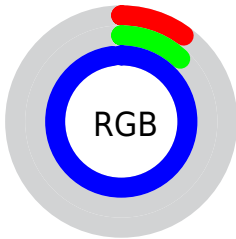
Format	Color
R_{YB}	25, 31, 250
Decimal	1646586
CIE Lab	34.17, 71.67, -101.93
CIE LCh	34, 124.602, 305.113
Yxy	8.0888, 0.1547, 0.0690
Android (android.graphics.Color)	4279836666 (0xFF191FFA)
YUV	54.1720, 96.5432, -25.5838
Hunter-Lab	28.4408, 64.1179, -169.8964

Details

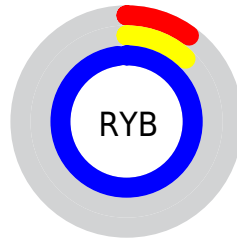
The Hex color **191FFA** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **FAF419**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **7B56FF**, and **0000C0** is the 20% darker color. If you saturate the color by 10%, you get **0007FA**, and if you desaturate by 10%, it is **3237FA**.

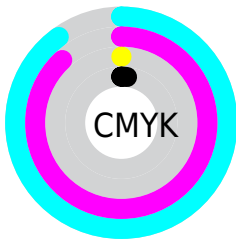
Distribution



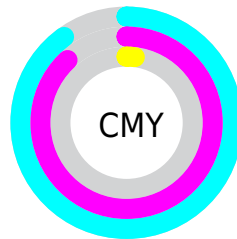
- Red (10%)
- Green (12%)
- Blue (98%)



- Red (10%)
- Yellow (12%)
- Blue (98%)



- Cyan (90%)
- Magenta (88%)
- Yellow (0%)
- Black (2%)



- Cyan (90%)
- Magenta (88%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 191FFA 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 191FFA by changing the saturation by 10% instead.

 191FFA

 191FFA

FFFFFF

 0000DC

 7B56FF

 0000C0

 9E70FF

 0000A3

 C08BFF

 000088

 E0A7FF

 00106D

 FFC3FF

 000B54

 FFE0FF

 00063C

 FFFDFF

 000225

 00010D

 191FFA

 191FFA

 0007FA

 3237FA

 4B50FA

 6468FA

 7D80FA

 9699FA

 AFB1FA

 C8C9FA

 E1E2FA

 FAFAFA

Harmonies

Analogous

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



0060FF



191FFA



C700A7

Triad

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



191FFA



A01700



006D60

Complementary

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



191FFA



FAF419

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.



006A00



191FFA



545400

Square

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



191FFA



D60000



006500



0070C4

Rectangle

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



191FFA



E50066



006500



006C3D

Sweetspot

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



191FFA



BABCFF



19FAF3



575880



000000



808080

Same Dimension

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



191FFA



0007FF



8219FA



70717D



0005BD



00023D

Inverse Universe

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



FA191F



FF0007



91FA19



7D7071



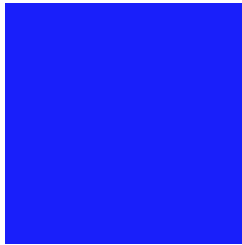
BD0005



3D0002

Previews

White Background



This preview shows how the Hex color 191FFA looks on a white background.

Color Contrast Check

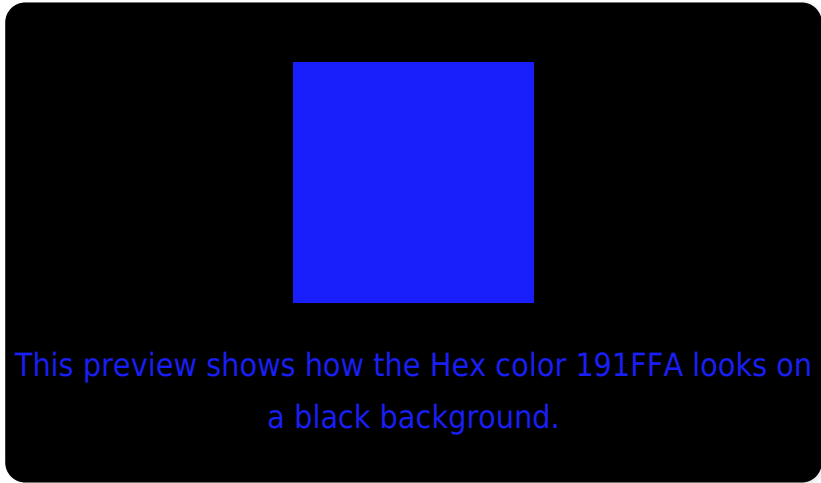
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

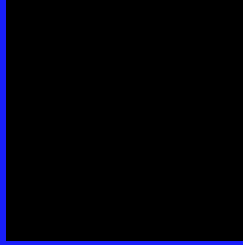
Any Text WCAG AA × Fail

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 191FFA Background



This preview shows how black text looks on a background with the Hex color 191FFA.



This preview shows how white text looks on a background with the Hex color 191FFA.

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



Original Color
191FFA

Protanopia
004DA1

Deuteranopia
005289



Tritanopia
00585D

Trichromacy



Original Color
191FFA

Protanomaly
093CC1

Deuteranomaly
093FB2

Tritanomaly
094396

Monochromacy



Original Color
191FFA

Achromatopsia
363636

Achromatomaly
2B2E7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 191FFA 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 #191FFA looks like.

```
.text, #text, p{  
    color:#191FFA  
}
```

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 #191FFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #191FFA
}
```

Border

The CSS property to change the border of an element to Hex 191FFA 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
#191FFA }
```

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

```
.border{ border-color:#191FFA }
```

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

Here you see how a box with a 4 pixel #191FFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #191FFA; -webkit-box-shadow:4px 4px  
4px 4px #191FFA; box-shadow:4px 4px 4px  
4px #191FFA }
```

Background

The CSS property to change the background color of an element to Hex 191FFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#191FFA }
```

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

```
.background{ background-color:#191FFA }
```

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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