

Converting Colors

Hex(1919FF)

Have a look what the booklet for
Hex(1919FF) contains.

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Color

Hex(1919FF)

Conversions

Conversions Part 1

Format	Color
Hex	1919FF
RGB	25, 25, 255
RGB Percent	10%, 10%, 100%
CMY	0.9020, 0.9020, 0.0000
CMYK	0.90, 0.90, 0.00, 0.00
HSL	240°, 100%, 55%
HSV	240°, 90%, 100%
XYZ	18.7985, 8.1219, 95.1846
YIQ	51.2200, -73.8300, 71.5300

Conversions

Conversions Part 2

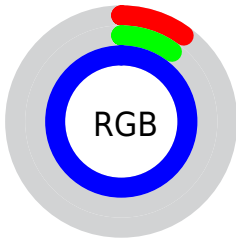
Format	Color
R _Y B	25, 25, 255
Decimal	1645055
CIE Lab	34.24, 74.78, -104.62
CIE LCh	34, 128.601, 305.557
Yxy	8.1219, 0.1540, 0.0665
Android (android.graphics.Color)	4279835135 (0xFF1919FF)
YUV	51.2200, 100.4635, -22.9949
Hunter-Lab	28.4990, 67.8690, -178.0750

Details

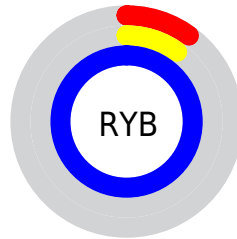
The Hex color **1919FF** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **FFFF19**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **7D52FF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **0000FF**, and if you desaturate by 10%, it is **3232FF**.

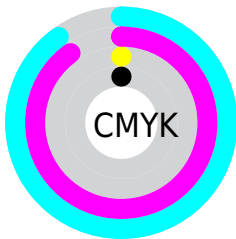
Distribution



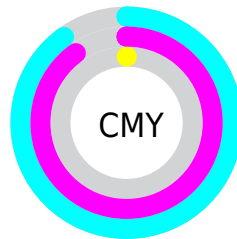
- Red (10%)
- Green (10%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 1919FF 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 1919FF by changing the saturation by 10% instead.

 1919FF

 1919FF

FFFFFF

 0000E1

 7D52FF

 0000C4


 A06DFF

 0000A8

 C288FF

 00008C

 E3A4FF

 000F72

 FFC0FF

 000C58

 FFD0FF

 000740

 FFFAFF

 000329

 000112

 1919FF

 1919FF

 0000FF

 3232FF

 4C4CFF

 6565FF

 7F7FFF

 9898FF

 B2B2FF

 CBCBFF

 E5E5FF

FEFEFF

Harmonies

Analogous

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



0061FF



1919FF



CC00A8

Triad

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



1919FF



A11500



006D63

Complementary

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



1919FF



FFFF19

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



1919FF



525400

Square

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



1919FF



D90000



006500



0071CA

Rectangle

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



1919FF



EA0065



006500



006C3E

Sweetspot

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



1919FF



BABAFF



19FFFF



575780



000000



808080

Same Dimension

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



1919FF



0000FF



8C19FF



737380



0000BF



000040

Inverse Universe

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



FF19FF



FF00FF



8CFF19



807380



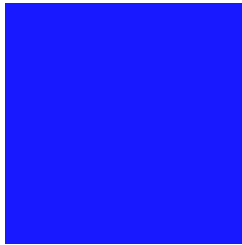
BF00BF



400040

Previews

White Background



This preview shows how the Hex color 1919FF looks on a white background.

Color Contrast Check

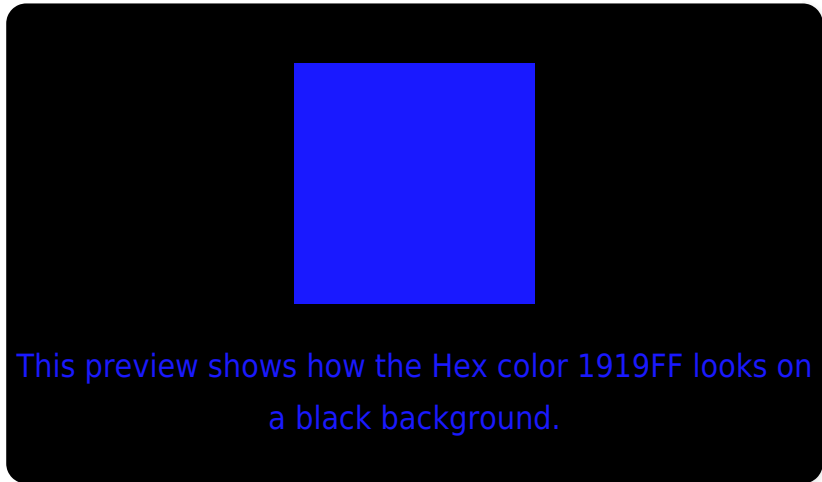
Large Text (above 18pt) WCAG AA ✓ Pass

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

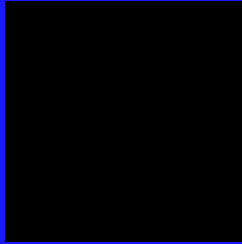
Any Text WCAG AA × Fail

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 1919FF Background



This preview shows how black text looks on a background with the Hex color 1919FF.



This preview shows how white text looks on a background with the Hex color 1919FF.

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
1919FF

Protanopia
004DA2

Deuteranopia
005289



Tritanopia
00595D

Trichromacy



Original Color
1919FF

Protanomaly
093AC4

Deuteranomaly
093DB4

Tritanomaly
042998

Monochromacy



Original Color
1919FF

Achromatopsia
333333

Achromatomaly
2A2A7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1919FF 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 #1919FF looks like.

```
.text, #text, p{  
    color:#1919FF  
}
```

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 #1919FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1919FF
}
```

Border

The CSS property to change the border of an element to Hex 1919FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

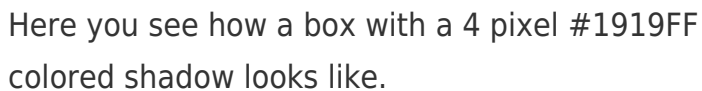
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1919FF }
```

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

```
.border{ border-color:#1919FF }
```

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



Here you see how a box with a 4 pixel #1919FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1919FF; -webkit-box-shadow:4px 4px  
4px 4px #1919FF; box-shadow:4px 4px 4px  
4px #1919FF }
```

Background

The CSS property to change the background color of an element to Hex 1919FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1919FF }
```

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

```
.background{ background-color:#1919FF }
```

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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