

Converting Colors

Hex(3D19FF)

Have a look what the booklet for
Hex(3D19FF) contains.

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Color

Hex(3D19FF)

Conversions

Conversions Part 1

Format	Color
Hex	3D19FF
RGB	61, 25, 255
RGB Percent	24%, 10%, 100%
CMY	0.7608, 0.9020, 0.0000
CMYK	0.76, 0.90, 0.00, 0.00
HSL	249°, 100%, 55%
HSV	249°, 90%, 100%
XYZ	20.3221, 8.9074, 95.2559
YIQ	61.9840, -52.3740, 79.1620

Conversions

Conversions Part 2

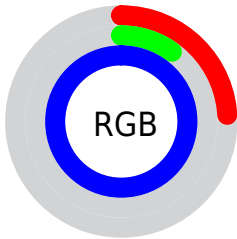
Format	Color
R _{YB}	61, 25, 255
Decimal	4004351
CIE Lab	35.81, 75.68, -101.96
CIE LCh	36, 126.982, 306.586
Yxy	8.9074, 0.1632, 0.0716
Android (android.graphics.Color)	4282194431 (0xFF3D19FF)
YUV	61.9840, 95.1569, -0.8630
Hunter-Lab	29.8452, 69.3145, -168.3423

Details

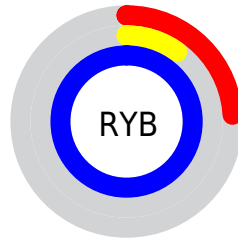
The Hex color **3D19FF** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **DBFF19**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **8C54FF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **2800FF**, and if you desaturate by 10%, it is **5332FF**.

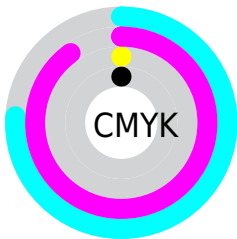
Distribution



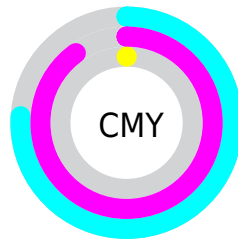
- Red (24%)
- Green (10%)
- Blue (100%)



- Red (24%)
- Yellow (10%)
- Blue (100%)



- Cyan (76%)
- Magenta (90%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (90%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D19FF 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 3D19FF by changing the saturation by 10% instead.

 3D19FF

 3D19FF

FFFFFF

 0000E1

 8C54FF

 0000C4

 AE6FFF

 0000A8

 CF8BFF

 00008C

 EFA7FF

 000A72

 FFC3FF

 000C58

 FFE0FF

 000740

FFFEFF

 000329

 000113

■ 3D19FF

■ 3D19FF

■ 2800FF

■ 5332FF

■ 684CFF

■ 7E65FF

■ 937FFF

■ A998FF

■ BEB2FF

■ D4CBFF

■ E9E5FF

FFFEFF

Harmonies

Analogous

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



0063FF



3D19FF



D200A8

Triad

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



3D19FF



A32200



00726A

Complementary

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



3D19FF



DBFF19

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.



006F00



3D19FF



535900

Square

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



3D19FF



DB0000



006A00



0075D0

Rectangle

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



3D19FF



EE0065



006A00



007146

Sweetspot

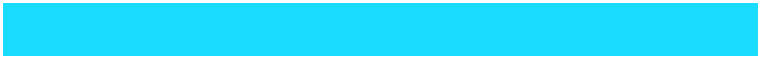
The Sweet Spot groups the original color and five complimentary colors.



3D19FF



C5BAFF



19DCFF



5D5780



000000



808080

Same Dimension

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



3D19FF



2800FF



AF19FF



757380



1E00BF



0A0040

Inverse Universe

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



FF19DB



FF00D7



69FF19



80737E



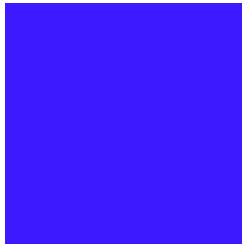
BF00A1



400036

Previews

White Background



This preview shows how the Hex color 3D19FF looks on a white background.

Color Contrast Check

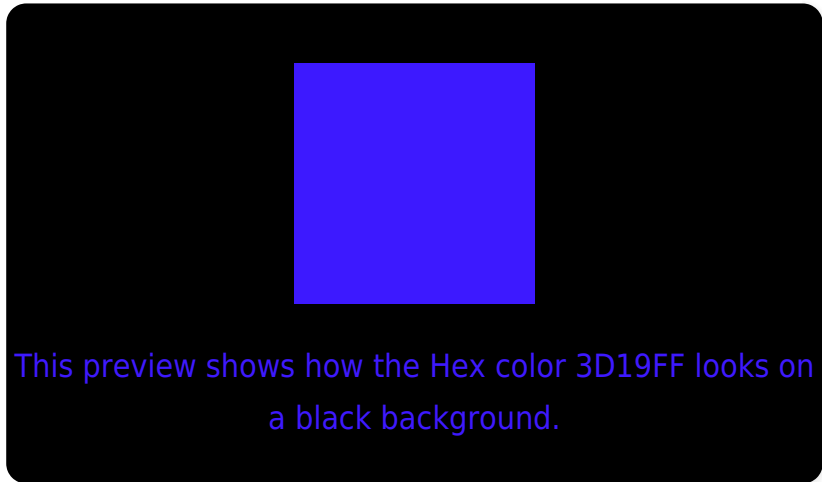
Large Text (above 18pt) WCAG AA ✓ Pass

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 3D19FF Background



This preview shows how black text looks on a background with the Hex color 3D19FF.



This preview shows how white text looks on a background with the Hex color 3D19FF.

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
3D19FF

Protanopia
0051A9

Deuteranopia
005690



Tritanopia
005D62

Trichromacy



Original Color
3D19FF



Protanomaly
163DC8



Deuteranomaly
1640B8



Tritanomaly
16449B

Monochromacy



Original Color
3D19FF



Achromatopsia
3E3E3E



Achromatomaly
3E3184

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D19FF 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 #3D19FF looks like.

```
.text, #text, p{  
    color:#3D19FF  
}
```

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 #3D19FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D19FF
}
```

Border

The CSS property to change the border of an element to Hex 3D19FF 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
#3D19FF }
```

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

```
.border{ border-color:#3D19FF }
```

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

Here you see how a box with a 4 pixel #3D19FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D19FF; -webkit-box-shadow:4px 4px  
4px 4px #3D19FF; box-shadow:4px 4px 4px  
4px #3D19FF }
```

Background

The CSS property to change the background color of an element to Hex 3D19FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D19FF }
```

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

```
.background{ background-color:#3D19FF }
```

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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