

Converting Colors

Hex(1D20FF)

Have a look what the booklet for
Hex(1D20FF) contains.

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Color

Hex(1D20FF)

Conversions

Conversions Part 1

Format	Color
Hex	1D20FF
RGB	29, 32, 255
RGB Percent	11%, 13%, 100%
CMY	0.8863, 0.8745, 0.0000
CMYK	0.89, 0.87, 0.00, 0.00
HSL	239°, 100%, 56%
HSV	239°, 89%, 100%
XYZ	19.0732, 8.5142, 95.2459
YIQ	56.5250, -73.3710, 68.7170

Conversions

Conversions Part 2

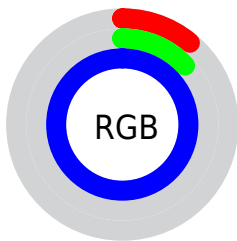
Format	Color
R_{YB}	29, 32, 255
Decimal	1908991
CIE _{Lab}	35.03, 72.76, -103.29
CIE _{LCh}	35, 126.346, 305.164
Yxy	8.5142, 0.1553, 0.0693
Android (android.graphics.Color)	4280099071 (0xFF1D20FF)
YUV	56.5250, 97.8482, -24.1394
Hunter-Lab	29.1792, 65.6145, -173.1075

Details

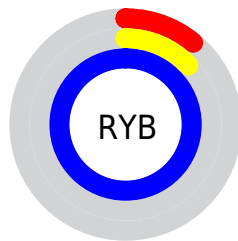
The Hex color **1D20FF** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **FFFC1D**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **7E57FF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **0407FF**, and if you desaturate by 10%, it is **3739FF**.

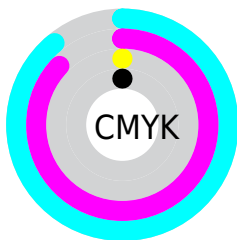
Distribution



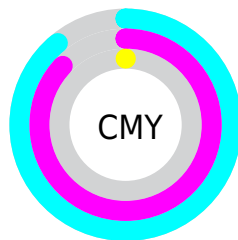
- Red (11%)
- Green (13%)
- Blue (100%)



- Red (11%)
- Yellow (13%)
- Blue (100%)



- Cyan (89%)
- Magenta (87%)
- Yellow (0%)
- Black (0%)



- Cyan (89%)
- Magenta (87%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D20FF 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 1D20FF by changing the saturation by 10% instead.

 1D20FF

 1D20FF

FFFFFF

 0000E1

 7E57FF

 0000C4

 A171FF

 0000A8

 C28DFF

 00008C

 E3A8FF

 000F72

 FFC4FF

 000C58

 FFE1FF

 000740

 000329

 000113

 1D20FF

 1D20FF


 0407FF

 3739FF

 0003FF

 5052FF

 6A6BFF

 8385FF

 9D9EFF

 B6B7FF

 D0D0FF

 E9E9FF

FFFFFF

Harmonies

Analogous

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



0063FF



1D20FF



CC00AA

Triad

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



1D20FF



A41900



006F63

Complementary

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



1D20FF



FFC1D

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.



006C00



1D20FF



565600

Square

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



1D20FF



DA0000



006700



0073C9

Rectangle

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



1D20FF



EA0068



006700



006E3F

Sweetspot

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



1D20FF



BABBF



1DFFFB



575780



000000



808080

Same Dimension

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



1D20FF



0003FF



8A1DFF



737380



0003BF



000140

Inverse Universe

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



FF1D20



FF0003



92FF1D



807373



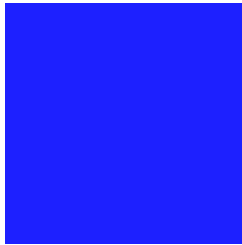
BF0003



400001

Previews

White Background



This preview shows how the Hex color 1D20FF looks on a white background.

Color Contrast Check

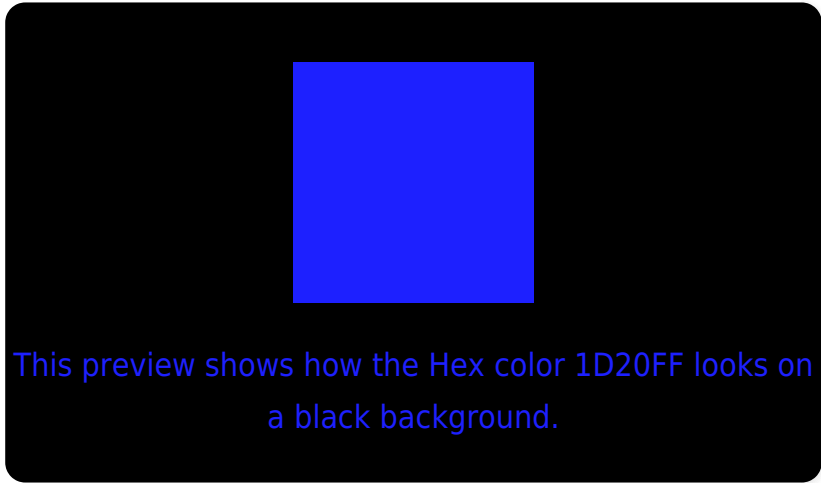
Large Text (above 18pt) WCAG AA ✓ Pass

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

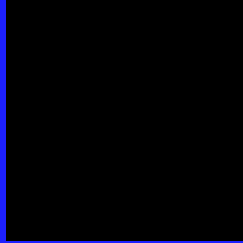
Any Text WCAG AA × Fail

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 1D20FF Background



This preview shows how black text looks on a background with the Hex color 1D20FF.



This preview shows how white text looks on a background with the Hex color 1D20FF.

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
1D20FF

Protanopia
004FA5

Deuteranopia
00548C



Tritanopia
005B5F

Trichromacy



Original Color
1D20FF

Protanomaly
0B3EC6

Deuteranomaly
0B41B6

Tritanomaly
0B4699

Monochromacy



Original Color
1D20FF

Achromatopsia
393939

Achromatomaly
2F3081

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D20FF 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 #1D20FF looks like.

```
.text, #text, p{  
    color:#1D20FF  
}
```

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 #1D20FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D20FF
}
```

Border

The CSS property to change the border of an element to Hex 1D20FF 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
#1D20FF }
```

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

```
.border{ border-color:#1D20FF }
```

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

Here you see how a box with a 4 pixel #1D20FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D20FF; -webkit-box-shadow:4px 4px  
4px 4px #1D20FF; box-shadow:4px 4px 4px  
4px #1D20FF }
```

Background

The CSS property to change the background color of an element to Hex 1D20FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D20FF }
```

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

```
.background{ background-color:#1D20FF }
```

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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