

Converting Colors

Hex(31D020)

Have a look what the booklet for
Hex(31D020) contains.

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Color

Hex(31D020)

Conversions

Conversions Part 1

Format	Color
Hex	31D020
RGB	49, 208, 32
RGB Percent	19%, 82%, 13%
CMY	0.8078, 0.1843, 0.8745
CMYK	0.76, 0.00, 0.85, 0.18
HSL	114°, 73%, 47%
HSV	114°, 85%, 82%
XYZ	24.0832, 45.8690, 8.9508
YIQ	140.3950, -38.2680, -88.4440

Conversions

Conversions Part 2

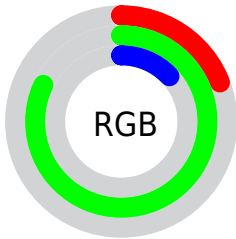
Format	Color
RYB	32, 208, 191
Decimal	3264544
CIELab	73.46, -69.21, 67.28
CIElCh	73, 96.523, 135.811
Yxy	45.8690, 0.3052, 0.5813
Android (android.graphics.Color)	4281454624 (0xFF31D020)
YUV	140.3950, -53.4387, -80.1534
Hunter-Lab	67.7267, -55.0481, 39.5729

Details

The Hex color **31D020** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **BF20D0**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **7AFF5F**, and **009800** is the 20% darker color. If you saturate the color by 10%, you get **1ED00B**, and if you desaturate by 10%, it is **44D035**.

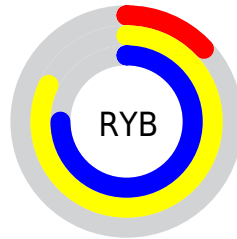
Distribution



Red (19%)

Green (82%)

Blue (13%)



Red (13%)

Yellow (82%)

Blue (75%)

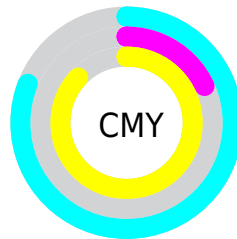


Cyan (76%)

Magenta (0%)

Yellow (85%)

Black (18%)



Cyan (81%)

Magenta (18%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31D020 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 31D020 by changing the saturation by 10% instead.

 31D020

 31D020

FFFFFF

 00B400

 7AFF5F

 009800

 9AFF7B

 007D00

 B9FF97

 006200

 D8FFB4

 004900

 F7FFD1

 003100

 FFFFEE

 001400

 000000

 31D020

 31D020

 1ED00B

 44D035

 14D000

 57D04A

 69D05E

 7CD073

 8FD088

 A2D09D

 B5D0B2

 C7D0C6

 DAD0DB

Harmonies

Analogous

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



AEBF00



31D020



00D886

Triad

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



31D020



00CBFF



FF488A

Complementary

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



31D020



BF20D0

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.



FF51E2



31D020



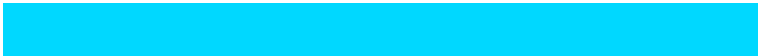
00AFFF

Square

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



31D020



00D8FF



F083FF



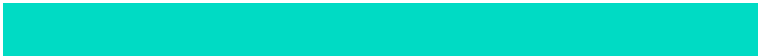
FF7634

Rectangle

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



31D020



00DBC4



F083FF



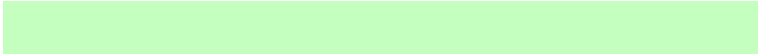
FF42A7

Sweetspot

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



31D020



C5FFBF



D0BE20



5D8059



000000



808080

Same Dimension

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



31D020



19FF00



20D066



5F695E



10A800



042900

Inverse Universe

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



BF20D0



E600FF



D0208A



685E69



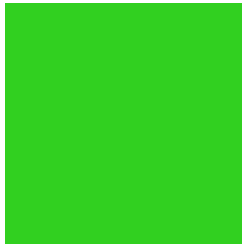
9800A8



250029

Previews

White Background



This preview shows how the Hex color 31D020 looks on a white background.

Color Contrast Check

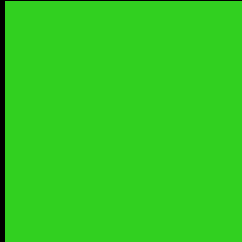
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 31D020 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 31D020 Background



This preview shows how black text looks on a background with the Hex color 31D020.

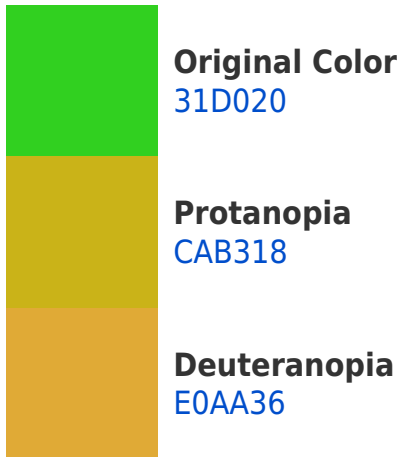


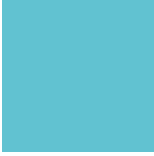
This preview shows how white text looks on a background with the Hex color 31D020.

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](#).

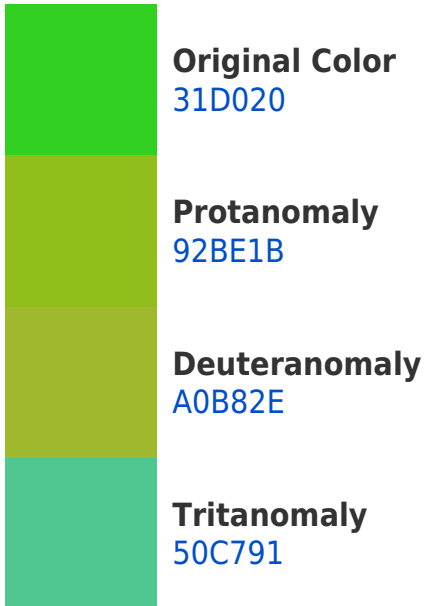
Dichromacy



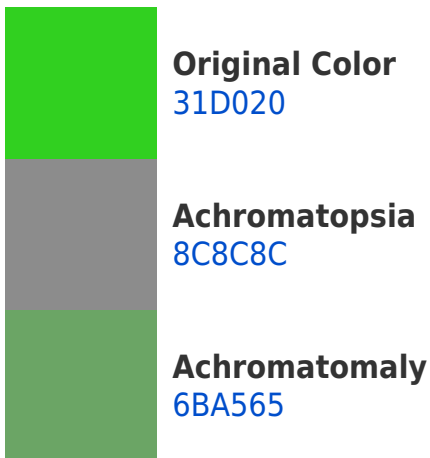


Tritanopia
61C2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31D020 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 #31D020 looks like.

```
.text, #text, p{  
    color:#31D020  
}
```

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 #31D020 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31D020
}
```

Border

The CSS property to change the border of an element to Hex 31D020 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
#31D020 }
```

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

```
.border{ border-color:#31D020 }
```

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

Here you see how a box with a 4 pixel #31D020 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31D020; -webkit-box-shadow:4px 4px  
4px 4px #31D020; box-shadow:4px 4px 4px  
4px #31D020 }
```

Background

The CSS property to change the background color of an element to Hex 31D020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31D020 }
```

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

```
.background{ background-color:#31D020 }
```

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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