

Converting Colors

Hex(31D126)

Have a look what the booklet for
Hex(31D126) contains.

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Color

Hex(31D126)

Conversions

Conversions Part 1

Format	Color
Hex	31D126
RGB	49, 209, 38
RGB Percent	19%, 82%, 15%
CMY	0.8078, 0.1804, 0.8510
CMYK	0.77, 0.00, 0.82, 0.18
HSL	116°, 69%, 48%
HSV	116°, 82%, 82%
XYZ	24.4169, 46.3938, 9.5017
YIQ	141.6660, -40.4690, -87.1010

Conversions

Conversions Part 2

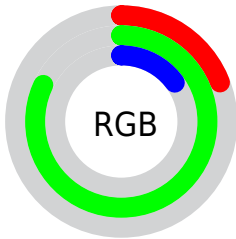
Format	Color
RYB	38, 209, 198
Decimal	3264806
CIELab	73.80, -69.22, 66.12
CIELCh	74, 95.724, 136.314
Yxy	46.3938, 0.3040, 0.5777
Android (android.graphics.Color)	4281454886 (0xFF31D126)
YUV	141.6660, -51.1073, -81.2681
Hunter-Lab	68.1130, -55.2097, 39.4082

Details

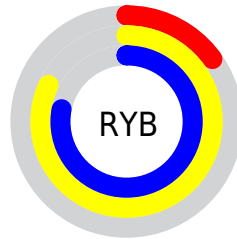
The Hex color **31D126** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **C626D1**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **7AFF63**, and **009900** is the 20% darker color. If you saturate the color by 10%, you get **1DD111**, and if you desaturate by 10%, it is **45D13B**.

Distribution



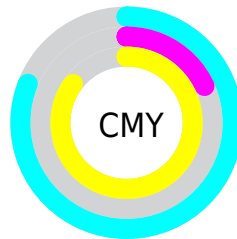
- Red (19%)
- Green (82%)
- Blue (15%)



- Red (15%)
- Yellow (82%)
- Blue (78%)



- Cyan (77%)
- Magenta (0%)
- Yellow (82%)
- Black (18%)




- Cyan (81%)
- Magenta (18%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31D126 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 31D126 by changing the saturation by 10% instead.

 31D126

 31D126

FFFFFF

 00B500

 7AFF63

 009900

 9AFF7F

 007E00

 B9FF9B

 006300

 D8FFB8

 004A00

 F7FFD5


 003200

 FFFFF2

 001600

 000000

 31D126

 31D126

 1DD111

 45D13B

 0DD100

 58D150

 6CD165

 7FD17A

 93D18F

 A6D1A3

 BAD1B8

 CDD1CD

 E1D1E2

Harmonies

Analogous

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



AEC000



31D126



00D989

Triad

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



31D126



00CBFF



FF4C8A

Complementary

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



31D126



C626D1

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.



FF53E1



31D126



22B0FF

Square

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



31D126



00D8FF



F384FF



FF7835

Rectangle

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



31D126



00DCC6



F384FF



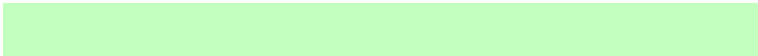
FF46A7

Sweetspot

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



31D126



C3FFBF



D1C626



5C8059



000000



808080

Same Dimension

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



31D126



15FF05



26D170



5F695E



0BA800



032900

Inverse Universe

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



C626D1



EF05FF



D12687



685E69



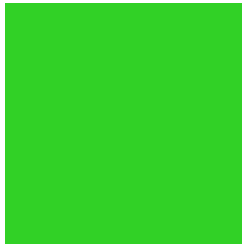
9D00A8



260029

Previews

White Background



This preview shows how the Hex color 31D126 looks on a white background.

Color Contrast Check

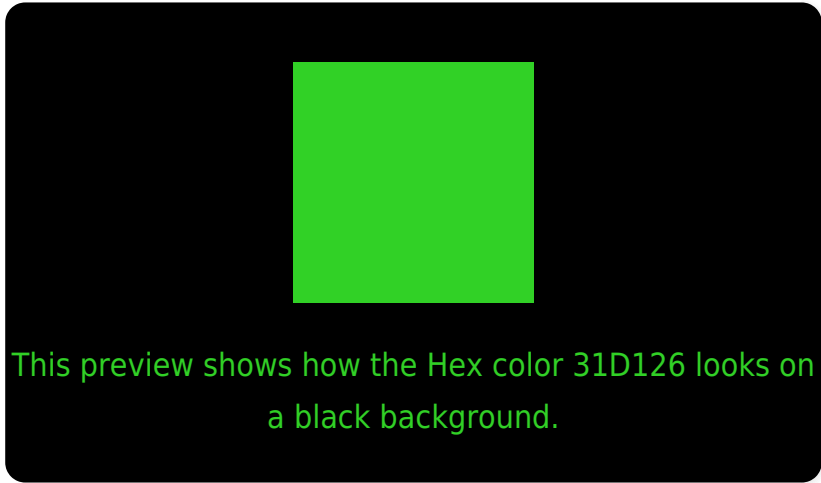
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 31D126 Background



This preview shows how black text looks on a background with the Hex color 31D126.

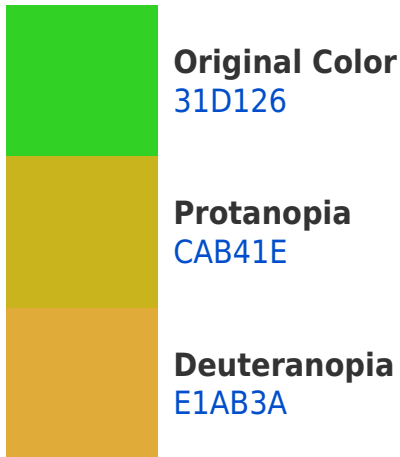


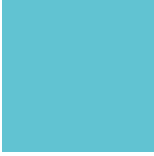
This preview shows how white text looks on a background with the Hex color 31D126.

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](#).

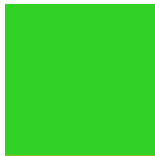
Dichromacy





Tritanopia
61C3D2

Trichromacy



Original Color
31D126



Protanomaly
92BF21



Deuteranomaly
A1B933



Tritanomaly
50C893

Monochromacy



Original Color
31D126



Achromatopsia
8E8E8E



Achromatomaly
6CA668

CSS Examples

Text

The CSS property to change the color of the text to Hex 31D126 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 #31D126 looks like.

```
.text, #text, p{  
    color:#31D126  
}
```

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 #31D126 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31D126
}
```

Border

The CSS property to change the border of an element to Hex 31D126 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
#31D126 }
```

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

```
.border{ border-color:#31D126 }
```

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

Here you see how a box with a 4 pixel #31D126 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31D126; -webkit-box-shadow:4px 4px  
4px 4px #31D126; box-shadow:4px 4px 4px  
4px #31D126 }
```

Background

The CSS property to change the background color of an element to Hex 31D126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31D126 }
```

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

```
.background{ background-color:#31D126 }
```

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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