

Converting Colors

HunterLab(84.8665, -71.2491,
51.0470)

Have a look what the booklet for
HunterLab(84.8665, -71.2491,
51.0470) contains.

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Color

**HunterLab(84.8726,
-71.2231, 51.0512)**

Conversions

Conversions Part 1

Format	Color
Hex	2BFF00
RGB	43, 255, 0
RGB Percent	17%, 100%, 0%
CMY	0.8314, 0.0000, 0.9998
CMYK	0.83, 0.00, 1.00, 0.00
HSL	110°, 100%, 50%
HSV	110°, 100%, 100%
XYZ	36.7562, 72.0336, 11.9667
YIQ	162.5420, -44.4970, -124.2490

Conversions

Conversions Part 2

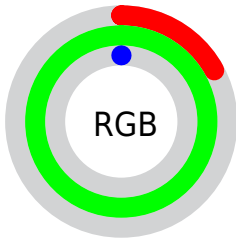
Format	Color
RYB	0, 255, 212
Decimal	2883328
CIELab	87.98, -83.93, 83.48
CIELCh	88, 118.378, 135.154
Yxy	72.0337, 0.3044, 0.5965
Android (android.graphics.Color)	4281073408 (0xFF2BFF00)
YUV	162.5420, -80.1332, -104.8383
Hunter-Lab	84.8726, -71.2231, 51.0512

Details

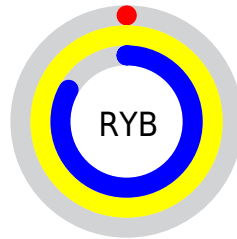
The HunterLab color **84.8726, -71.2231, 51.0512** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **46.0696, 94.5622, -91.7136**, and the grayscale version is **60.6641, -3.2369, 3.2960**.

A 20% lighter version of the original color is **87.8169, -58.0401, 46.2602**, and **62.8330, -53.8793, 37.7742** is the 20% darker color. If you saturate the color by 10%, you get **84.8722, -71.2249, 51.0509**, and if you desaturate by 10%, it is **85.2580, -69.4989, 50.6579**.

Distribution



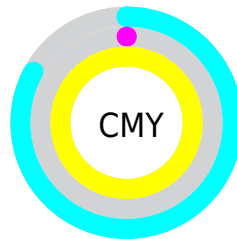
- Red (17%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (83%)



- Cyan (83%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (83%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.8726, -71.2231, 51.0512 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 HunterLab color 84.8726, -71.2231, 51.0512 by changing the saturation by 10% instead.

■ 84.8726, -71.2231,
51.0512

■ 84.8726, -71.2231,
51.0512

216.2542,
-111.3160, 92.3873

■ 72.9288, -65.9663,
45.6849

■ 110.5008,
-81.0850, 61.2003

■ 61.6047, -60.4355,
40.1029

■ 124.1356,
-85.7543, 66.0224

■ 50.9362, -54.5704,
34.2985

■ 138.2891,
-90.2807, 70.6994

■ 40.9664, -48.2904,
28.6765

■ 152.9430,
-94.6828, 75.2467

■ 31.7483, -41.4852,
22.2238

■ 168.0809,
-98.9756, 79.6780

■ 23.3489, -34.0038,
16.3442

■ 183.6876,

■ 15.8577, -27.7510,

-103.1719, 84.0051

11.1004

199.7496,
-107.2823, 88.2384

■ 9.4019, -16.4534,
6.5814

0.0000, NaN, NaN

■ 84.8726, -71.2231,
51.0512

■ 84.8726, -71.2231,
51.0512

■ 84.8722, -71.2249,
51.0509

■ 85.2580, -69.4989,
50.6579

■ 85.8544, -66.7865,
49.5677

■ 86.6897, -62.9613,
47.5715

■ 87.7809, -57.9737,
44.5777

■ 89.1389, -51.8166,
40.5416

■ 90.7699, -44.5180,
35.4561

■ 92.6755, -36.1345,
29.3450

■ 94.8535, -26.7439,
22.2561

■ 97.2990, -16.4384,
14.2551

Harmonies

Analogous

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



84.8726, -32.3465, 56.7970



84.8726, -71.2231, 51.0512



84.8726, -89.0575, 27.9890

Triad

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



84.8726, -71.2228, 51.0504



84.8726, -31.8324, -181.4920



84.8726, 136.0510, 28.3763

Complementary

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



84.8726, -71.2231, 51.0512



46.0696, 94.5622, -91.7136

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.



84.8726, 136.3010, -28.1585



84.8726, -71.2231, 51.0512



84.8726, 27.3987, -181.0871

Square

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



84.8726, -71.2228, 51.0504



84.8726, -70.9360, -113.9752



84.8726, 92.4516, -113.0876



84.8726, 91.8409, 51.1677

Rectangle

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



84.8726, -71.2231, 51.0512



84.8726, -90.8946, -5.7197



84.8726, 92.4516, -113.0876



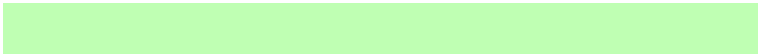
84.8726, 141.6083, 13.8027

Sweetspot

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



84.8726, -71.2228, 51.0504



92.6722, -36.1485, 29.3554



81.5460, -2.9215, 50.1963



42.4873, -18.4180, 14.8295

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.8726, -71.2228, 51.0504



84.8722, -71.2249, 51.0509



84.9182, -70.3330, 45.6902



45.0723, -7.3666, 6.4075



61.3852, -51.3371, 36.9265



19.2563, -15.5861, 11.5928

Inverse Universe

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



46.0696, 94.5622, -91.7136



46.0675, 94.5642, -91.7202



49.3225, 90.6783, -16.3187



42.5868, 2.9081, -1.8995



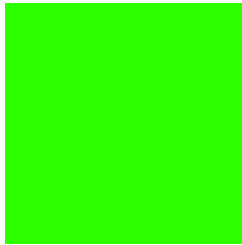
33.3859, 68.4740, -66.0199



10.6040, 21.6236, -19.9998

Previews

White Background



This preview shows how the HunterLab color 84.8726, -71.2231, 51.0512 looks on a white background.

Color Contrast Check

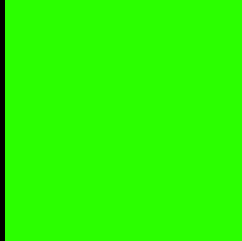
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 84.8726, -71.2231, 51.0512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

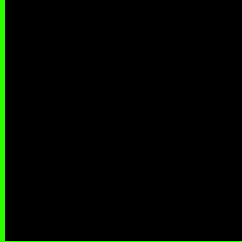
Any Text WCAG AA ✓ Pass

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](#).

HunterLab 84.8726, -71.2231, 51.0512 Background



This preview shows how black text looks on a background with the HunterLab color 84.8726, -71.2231, 51.0512.



This preview shows how white text looks on a background with the HunterLab color 84.8726, -71.2231, 51.0512.

-71.2231, 51.0512.

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

84.8726, -71.2231, 51.0512

Protanopia

83.8188, -11.7995, 51.4422

Deuteranopia

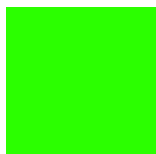
83.8995, 1.8791, 32.8008



Tritanopia

84.3403, -29.8096, -15.0596

Trichromacy



Original Color

84.8726, -71.2231, 51.0512



Protanomaly

81.5376, -42.2738, 49.5030



Deuteranomaly

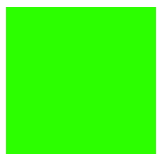
81.0706, -36.1104, 41.9182



Tritanomaly

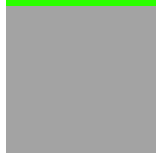
83.0265, -53.0938, 25.8210

Monochromacy



Original Color

84.8726, -71.2231, 51.0512



Achromatopsia

60.5188, -3.2291, 3.2881



Achromatomaly

66.6343, -36.6575, 28.7648

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.8726, -71.2231, 51.0512 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 `rgb(43, 255, 0)` looks like.

```
.text, #text, p{  
    color:rgb(43, 255, 0)  
}
```

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 rgb(43, 255, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 255, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 84.8726, -71.2231, 51.0512 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 rgb(43, 255, 0) }
```


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

```
.border{ border-color:rgb(43, 255, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 255, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 255, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 255, 0);  
box-shadow:4px 4px 4px 4px rgb(43, 255, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 84.8726, -71.2231, 51.0512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 255, 0) }
```

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

```
.background{ background-color: rgb(43, 255,  
0) }
```

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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