

Converting Colors

HunterLab(85.0220, -69.9761,
46.4221)

Have a look what the booklet for
HunterLab(85.0220, -69.9761,
46.4221) contains.

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Color

**HunterLab(85.0227,
-69.9698, 46.3976)**

Conversions

Conversions Part 1

Format	Color
Hex	1CFF4C
RGB	28, 255, 76
RGB Percent	11%, 100%, 30%
CMY	0.8902, 0.0000, 0.7019
CMYK	0.89, 0.00, 0.70, 0.00
HSL	133°, 100%, 55%
HSV	133°, 89%, 100%
XYZ	37.5433, 72.2886, 18.8118
YIQ	166.7210, -77.8330, -103.7930

Conversions

Conversions Part 2

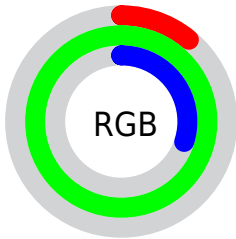
Format	Color
R _Y B	28, 215, 255
Decimal	1900364
CIE Lab	88.11, -81.88, 68.10
CIE LCh	88, 106.497, 140.248
Yxy	72.2888, 0.2918, 0.5619
Android (android.graphics.Color)	4280090444 (0xFF1CFF4C)
YUV	166.7210, -44.7255, -121.6583
Hunter-Lab	85.0227, -69.9698, 46.3976

Details

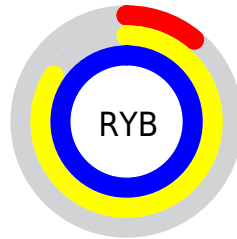
The HunterLab color **85.0227, -69.9698, 46.3976** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **51.5706, 92.9120, -34.4596**, and the grayscale version is **62.2504, -3.3215, 3.3822**.

A 20% lighter version of the original color is **87.9911, -56.2824, 38.2822**, and **62.8330, -53.8793, 37.7742** is the 20% darker color. If you saturate the color by 10%, you get **84.7471, -71.4231, 48.3619**, and if you desaturate by 10%, it is **85.5203, -67.4839, 43.8246**.

Distribution



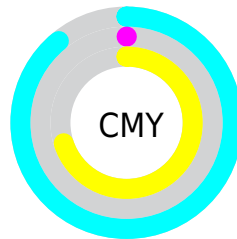
- Red (11%)
- Green (100%)
- Blue (30%)



- Red (11%)
- Yellow (84%)
- Blue (100%)



- Cyan (89%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)





- Cyan (89%)
- Magenta (0%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.0227, -69.9698, 46.3976 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 85.0227, -69.9698, 46.3976 by changing the saturation by 10% instead.


 85.0227, -69.9698,
46.3976


 85.0227, -69.9698,
46.3976


216.4593,
-109.1701, 80.9072

 73.0716, -64.8404,
41.9329


 110.6648,
-79.5992, 54.8292


 61.7397, -59.4462,
37.2713


 124.3060,
-84.1613, 58.8390


 51.0629, -53.7285,
32.3865


 138.4658,
-88.5858, 62.7338

 41.0842, -47.6088,
27.2588

 153.1258,
-92.8904, 66.5277

 31.8565, -40.9792,
22.2996

 168.2695,
-97.0898, 70.2325

 23.4466, -33.6904,
16.4126

183.8819,

 15.9436, -27.9013,

-101.1962, 73.8584

11.1605

199.9493,
-105.2200, 77.4141

■ 9.4741, -16.5797,
6.6319

0.0000, NaN, NaN

■ 85.0227, -69.9698,
46.3976

■ 85.0227, -69.9698,
46.3976

■ 84.7471, -71.4231,
48.3619


■ 85.5203, -67.4839,
43.8246


■ 84.7264, -71.5335,
48.5197


■ 86.2835, -63.7982,
40.6504


■ 87.3384, -58.8399,
36.8921

■ 88.7023, -52.5916,
32.5844

 90.3849, -45.0833,
27.7768

 92.3900, -36.3822,
22.5294

 94.7158, -26.5839,
16.9088

 97.3563, -15.8021,
10.9834

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



85.0228, -37.2450, 54.7327



85.0227, -69.9698, 46.3976



85.0228, -83.9301, 19.5691

Triad

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



85.0228, -69.9694, 46.3969



85.0228, -21.2474, -158.9333



85.0228, 114.8606, 31.9719

Complementary

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



85.0227, -69.9698, 46.3976



51.5706, 92.9120, -34.4596

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.



85.0228, 122.1965, -13.6393



85.0227, -69.9698, 46.3976



85.0228, 34.0013, -147.5214

Square

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



85.0228, -69.9694, 46.3969



85.0228, -60.7528, -109.9550



85.0228, 89.7008, -84.5467



85.0228, 71.6042, 50.6869

Rectangle

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



85.0227, -69.9698, 46.3976



85.0228, -83.8395, -14.6523



85.0228, 89.7008, -84.5467



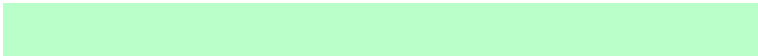
85.0228, 121.9616, 20.2390

Sweetspot

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



85.0228, -69.9694, 46.3969



92.8339, -34.4886, 21.4224



92.3292, -40.8721, 55.4718



42.6055, -17.4253, 10.7729

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.0228, -69.9694, 46.3969



84.7264, -71.5335, 48.5197



86.8047, -58.9659, 20.3829



44.9789, -7.5625, 5.2172



61.2593, -51.6193, 34.8624



19.1546, -15.8600, 10.2956

Inverse Universe

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



51.5706, 92.9120, -34.4596



50.4782, 94.8062, -32.1934



47.8925, 79.3277, 17.1699



42.6974, 3.1155, -0.4861



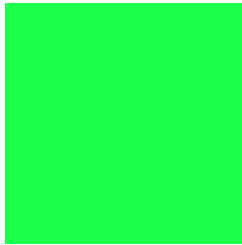
36.5196, 68.6417, -23.6937



11.4640, 21.6615, -8.3207

Previews

White Background



This preview shows how the HunterLab color 85.0227, -69.9698, 46.3976 looks on a white background.

Color Contrast Check

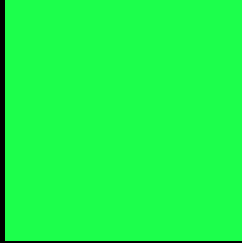
Large Text (above 18pt) WCAG AA × Fail

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 85.0227, -69.9698, 46.3976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

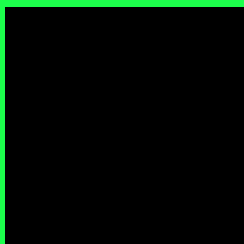
Any Text WCAG AA ✓ Pass

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 85.0227, -69.9698, 46.3976 Background



This preview shows how black text looks on a background with the HunterLab color 85.0227, -69.9698, 46.3976.



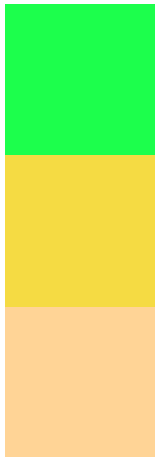
This preview shows how white text looks on a background with the HunterLab color 85.0227,

-69.9698, 46.3976.

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

85.0227, -69.9698, 46.3976

Protanopia

83.9528, -10.8393, 47.7914

Deuteranopia

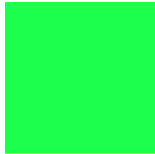
83.9934, 2.3862, 31.4303



Tritanopia

84.6819, -30.2741, -14.5889

Trichromacy



Original Color

85.0227, -69.9698, 46.3976



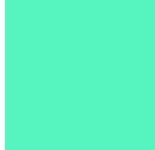
Protanomaly

81.4017, -42.2671, 45.1990



Deuteranomaly

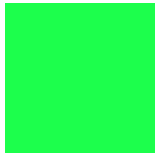
81.0478, -35.3876, 35.6135



Tritanomaly

83.9032, -50.0684, 16.3998

Monochromacy



Original Color

85.0227, -69.9698, 46.3976



Achromatopsia

62.1634, -3.3169, 3.3775



Achromatomaly

68.0302, -35.2765, 21.6457

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.0227, -69.9698, 46.3976 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(28, 255, 76)` looks like.

```
.text, #text, p{  
    color:rgb(28, 255, 76)  
}
```

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(28, 255, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 255, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 85.0227, -69.9698, 46.3976 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(28, 255, 76) }
```


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

```
.border{ border-color:rgb(28, 255, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 255, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 255, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 255, 76);  
box-shadow:4px 4px 4px 4px rgb(28, 255,  
76) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.0227, -69.9698, 46.3976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 255, 76) }
```

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

```
.background{ background-color: rgb(28, 255,  
76) }
```

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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