

Converting Colors

HunterLab(84.6490, -72.0191,
49.6647)

Have a look what the booklet for
HunterLab(84.6490, -72.0191,
49.6647) contains.

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Color

**HunterLab(84.6484,
-72.0227, 49.6732)**

Conversions

Conversions Part 1

Format	Color
Hex	00FF25
RGB	0, 255, 37
RGB Percent	0%, 100%, 15%
CMY	1.0000, 0.0000, 0.8549
CMYK	1.00, 0.00, 0.85, 0.00
HSL	129°, 100%, 50%
HSV	129°, 100%, 100%
XYZ	36.0939, 71.6535, 13.6783
YIQ	153.9030, -82.0020, -121.8580

Conversions

Conversions Part 2

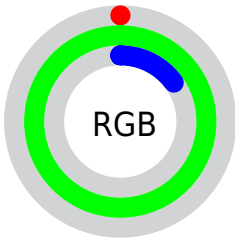
Format	Color
RYB	0, 223, 255
Decimal	65317
CIELab	87.80, -85.34, 78.80
CIELCh	88, 116.158, 137.283
Yxy	71.6537, 0.2972, 0.5901
Android (android.graphics.Color)	4278255397 (0xFF00FF25)
YUV	153.9030, -57.6332, -134.9729
Hunter-Lab	84.6484, -72.0227, 49.6732

Details

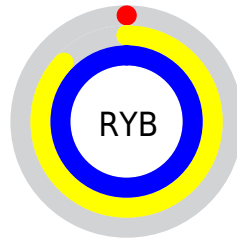
The HunterLab color **84.6484, -72.0227, 49.6732** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **51.3044, 97.7252, -43.3207**, and the grayscale version is **57.0576, -3.0445, 3.1000**.

A 20% lighter version of the original color is **87.4425, -59.2909, 43.7818**, and **62.8330, -53.8793, 37.7742** is the 20% darker color. If you saturate the color by 10%, you get **84.6485, -72.0224, 49.6725**, and if you desaturate by 10%, it is **84.8805, -70.8199, 48.1908**.

Distribution



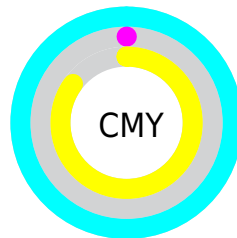
- Red (0%)
- Green (100%)
- Blue (15%)



- Red (0%)
- Yellow (87%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (85%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.6484, -72.0227, 49.6732 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 84.6484, -72.0227, 49.6732 by changing the saturation by 10% instead.

■ 84.6484, -72.0227,
49.6732

■ 84.6484, -72.0227,
49.6732

215.9480,
-112.7429, 88.9527

■ 72.7158, -66.6755,
44.5722

■ 110.2561,
-82.0490, 59.3109

■ 61.4033, -61.0474,
39.2577

■ 123.8811,
-86.7937, 63.8891

■ 50.7472, -55.0768,
33.7151

■ 138.0253,
-91.3918, 68.3305

■ 40.7906, -48.6815,
28.1859

■ 152.6702,
-95.8623, 72.6502

■ 31.5868, -41.7494,
22.1108

■ 167.7994,
-100.2206, 76.8615

■ 23.2032, -34.1281,
16.2423

183.3976,

■ 15.7297, -27.5269,

-104.4798, 80.9759

11.0108

199.4514,
-108.6507, 85.0033

■ 9.2935, -16.2636,
6.5054

0.0000, NaN, NaN

■ 84.6484, -72.0227,
49.6732

■ 84.6484, -72.0227,
49.6732

■ 84.6485, -72.0224,
49.6725

■ 84.8805, -70.8199,
48.1908

■ 85.3300, -68.5895,
46.0233

■ 86.0492, -65.1227,
43.1482

■ 87.0663, -60.3323,
39.5612

■ 88.4003, -54.1914,
35.2822

■ 90.0624, -46.7246,
30.3524

■ 92.0570, -37.9983,
24.8302

■ 94.3827, -28.1104,
18.7853

■ 97.0337, -17.1796,
12.2939

Harmonies

Analogous

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



84.6485, -35.2542, 56.2492



84.6484, -72.0227, 49.6732



84.6485, -88.3314, 24.8439

Triad

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



84.6485, -72.0224, 49.6725



84.6485, -27.7642, -178.7663



84.6485, 130.9459, 30.5150

Complementary

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



84.6484, -72.0227, 49.6732



51.3044, 97.7252, -43.3207

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.



84.6485, 134.5525, -22.3222



84.6484, -72.0227, 49.6732



84.6485, 31.3378, -172.9632

Square

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



84.6485, -72.0224, 49.6725



84.6485, -67.8212, -116.7716



84.6485, 94.3304, -104.0202



84.6485, 85.5065, 51.4300

Rectangle

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



84.6484, -72.0227, 49.6732



84.6485, -89.3525, -10.0207



84.6485, 94.3304, -104.0202



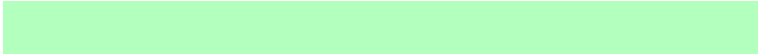
84.6485, 137.4549, 17.0165

Sweetspot

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



84.6485, -72.0224, 49.6725



92.0568, -37.9989, 24.8305



93.2160, -37.5505, 56.7818



42.1819, -19.3506, 12.5963

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.6485, -72.0224, 49.6725



84.6485, -72.0224, 49.6725



86.0877, -63.0759, 28.5606



44.9568, -7.6863, 5.5343



61.1992, -51.9960, 35.7507



19.1283, -16.0241, 10.6827

Inverse Universe

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



51.3044, 97.7252, -43.3207



51.3043, 97.7253, -43.3206



46.9673, 82.1343, 17.1586



42.7228, 3.2512, -0.8462



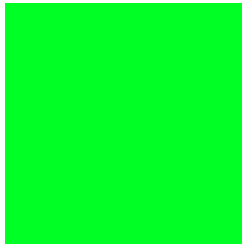
37.1090, 70.7236, -31.6267



11.6304, 22.2478, -10.5492

Previews

White Background



This preview shows how the HunterLab color 84.6484, -72.0227, 49.6732 looks on a white background.

Color Contrast Check

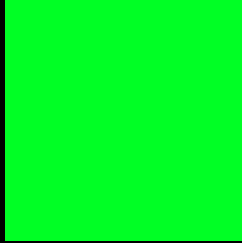
Large Text (above 18pt) WCAG AA × Fail

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 84.6484, -72.0227, 49.6732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

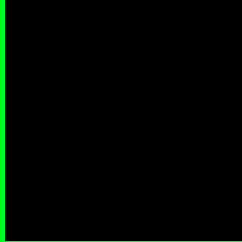
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

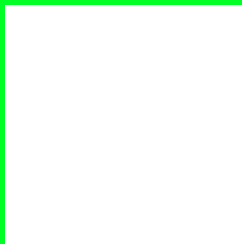
Any Text WCAG AAA ✓ Pass

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

HunterLab 84.6484, -72.0227, 49.6732 Background



This preview shows how black text looks on a background with the HunterLab color 84.6484, -72.0227, 49.6732.



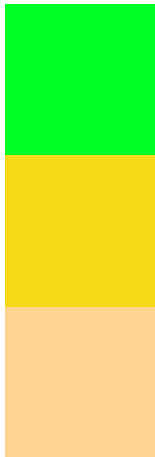
This preview shows how white text looks on a background with the HunterLab color 84.6484, -72.0227, 49.6732.

-72.0227, 49.6732.

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

84.6484, -72.0227, 49.6732

Protanopia

83.5525, -11.0611, 50.5975

Deuteranopia

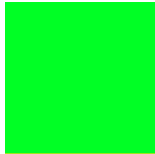
83.5836, 2.2979, 32.8274



Tritanopia

84.1358, -30.5833, -15.3609

Trichromacy



Original Color

84.6484, -72.0227, 49.6732



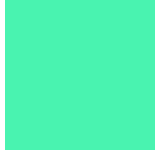
Protanomaly

80.2581, -45.4507, 47.7516



Deuteranomaly

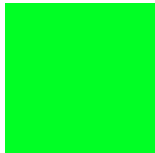
79.7744, -39.0957, 38.5393



Tritanomaly

82.8566, -53.1502, 20.7337

Monochromacy



Original Color

84.6484, -72.0227, 49.6732



Achromatopsia

56.8457, -3.0331, 3.0885



Achromatomaly

64.0359, -38.0908, 24.8674

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.6484, -72.0227, 49.6732 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(0, 255, 37)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 37)  
}
```

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(0, 255, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 84.6484, -72.0227, 49.6732 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(0, 255, 37) }
```


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

```
.border{ border-color:rgb(0, 255, 37) }
```

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

Here you see how a box with a 4 pixel rgb(0, 255, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 37);  
box-shadow:4px 4px 4px 4px rgb(0, 255, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 84.6484, -72.0227, 49.6732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 37) }
```

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

```
.background{ background-color: rgb(0, 255,  
37) }
```

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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