

Converting Colors

HunterLab(85.1780, -69.5371,
48.2669)

Have a look what the booklet for
HunterLab(85.1780, -69.5371,
48.2669) contains.

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Color

**HunterLab(85.1763,
-69.5477, 48.2920)**

Conversions

Conversions Part 1

Format	Color
Hex	33FF3C
RGB	51, 255, 60
RGB Percent	20%, 100%, 24%
CMY	0.8000, 0.0000, 0.7647
CMYK	0.80, 0.00, 0.76, 0.00
HSL	123°, 100%, 60%
HSV	123°, 80%, 100%
XYZ	37.9408, 72.5500, 16.2788
YIQ	171.7740, -58.9890, -103.8930

Conversions

Conversions Part 2

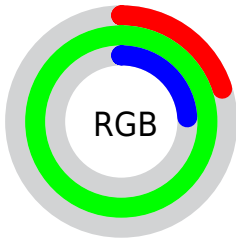
Format	Color
RYB	51, 246, 255
Decimal	3407676
CIELab	88.23, -81.13, 73.56
CIELCh	88, 109.511, 137.801
Yxy	72.5502, 0.2993, 0.5723
Android (android.graphics.Color)	4281597756 (0xFF33FF3C)
YUV	171.7740, -55.1046, -105.9188
Hunter-Lab	85.1763, -69.5477, 48.2920

Details

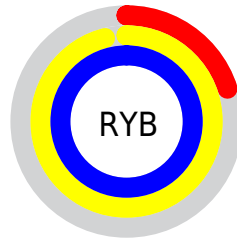
The HunterLab color **85.1763, -69.5477, 48.2920** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **55.0283, 95.2700, -58.3592**, and the grayscale version is **64.3750, -3.4349, 3.4976**.

A 20% lighter version of the original color is **88.2398, -55.6557, 41.4591**, and **63.1922, -54.1873, 37.9901** is the 20% darker color. If you saturate the color by 10%, you get **84.7692, -71.5165, 49.8354**, and if you desaturate by 10%, it is **85.8622, -66.2798, 45.9015**.

Distribution



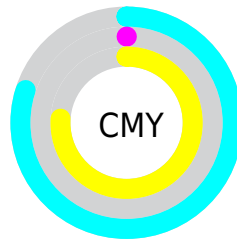
- Red (20%)
- Green (100%)
- Blue (24%)



- Red (20%)
- Yellow (96%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (76%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.1763, -69.5477, 48.2920 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 85.1763, -69.5477, 48.2920 by changing the saturation by 10% instead.


 85.1763, -69.5477,
48.2920


 85.1763, -69.5477,
48.2920


216.6689,
-108.4144, 85.2031

 73.2176, -64.4666,
43.5060


 110.8325,
-79.0895, 57.3311


 61.8777, -59.1244,
38.5136


 124.4803,
-83.6115, 61.6269


 51.1925, -53.4633,
33.2932


 138.6464,
-87.9978, 65.7968

 41.2048, -47.4056,
27.8776

 153.3126,
-92.2660, 69.8552

 31.9672, -40.8446,
22.3771

 168.4622,
-96.4306, 73.8150

 23.5466, -33.6321,
16.4826

184.0804,

 16.0315, -28.0552,

-100.5036, 77.6868

11.2221

200.1535,
-104.4953, 81.4801

■ 9.5481, -16.7092,
6.6837

0.0000, NaN, NaN

■ 85.1763, -69.5477,
48.2920

■ 85.1763, -69.5477,
48.2920

■ 84.7692, -71.5165,
49.8354

■ 85.8622, -66.2798,
45.9015

■ 84.5841, -72.4264,
50.6249

■ 86.8583, -61.6062,
42.6142

■ 84.5841, -72.4264,
50.6249

■ 88.1860, -55.4875,
38.4175

■ 89.8576, -47.9431,
33.3341

■ 91.8786, -39.0408,
27.4154

■ 94.2475, -28.8846,
20.7339

■ 96.9582, -17.6026,
13.3757

■ 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.



85.1764, -34.5064, 55.5553



85.1763, -69.5477, 48.2920



85.1764, -85.1818, 23.2603

Triad

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



85.1764, -69.5474, 48.2913



85.1764, -25.7488, -163.7547



85.1764, 121.2197, 29.9975

Complementary

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



85.1763, -69.5477, 48.2920



55.0283, 95.2700, -58.3592

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.



85.1764, 125.2973, -19.4581



85.1763, -69.5477, 48.2920



85.1764, 30.2221, -157.3440

Square

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



85.1764, -69.5474, 48.2913



85.1764, -64.5429, -108.5076



85.1764, 88.7199, -94.2950



85.1764, 78.6874, 50.5461

Rectangle

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



85.1763, -69.5477, 48.2920



85.1764, -85.9955, -10.1668



85.1764, 88.7199, -94.2950



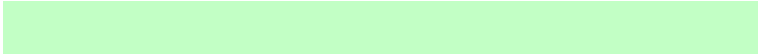
85.1764, 127.4623, 17.1827

Sweetspot

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



85.1764, -69.5474, 48.2913



93.2584, -33.0900, 23.4930



95.7873, -27.6042, 56.6018



42.7595, -16.9685, 11.9615

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.1764, -69.5474, 48.2913



84.6404, -72.1508, 50.3946



86.4609, -61.5972, 29.4549



44.9234, -7.8729, 6.0123



61.1467, -52.3253, 36.5272



19.0914, -16.2556, 11.2285

Inverse Universe

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



55.0283, 95.2700, -58.3592



52.9384, 101.9435, -61.6228



50.7043, 78.9367, 0.7312



42.7618, 3.4597, -1.3995



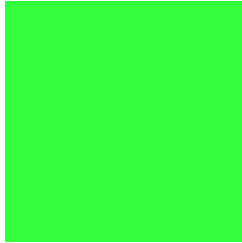
38.1046, 74.2063, -44.7638



11.9074, 23.2153, -14.1938

Previews

White Background



This preview shows how the HunterLab color 85.1763, -69.5477, 48.2920 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 85.1763, -69.5477, 48.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

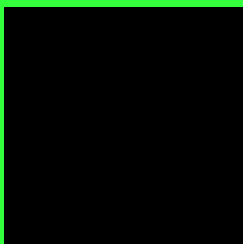
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

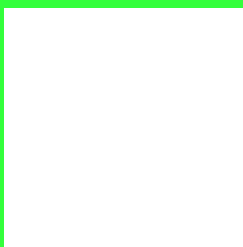
Any Text WCAG AAA ✓ Pass

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

HunterLab 85.1763, -69.5477, 48.2920 Background



This preview shows how black text looks on a background with the HunterLab color 85.1763, -69.5477, 48.2920.



This preview shows how white text looks on a background with the HunterLab color 85.1763,

-69.5477, 48.2920.

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

85.1763, -69.5477, 48.2920

Protanopia

84.2723, -11.4992, 49.5234

Deuteranopia

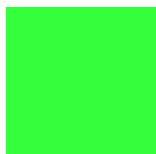
83.9934, 2.3862, 31.4303



Tritanopia

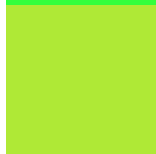
84.8524, -29.6300, -14.3395

Trichromacy



Original Color

85.1763, -69.5477, 48.2920



Protanomaly

82.2546, -40.9009, 47.4532



Deuteranomaly

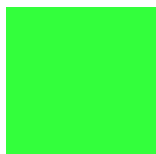
81.6057, -33.4200, 37.4725



Tritanomaly

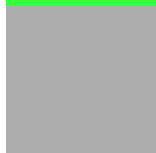
84.0853, -49.6425, 18.9687

Monochromacy



Original Color

85.1763, -69.5477, 48.2920



Achromatopsia

64.2295, -3.4271, 3.4897



Achromatomaly

69.6196, -34.3547, 24.0111

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.1763, -69.5477, 48.2920 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(51, 255, 60)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 60)  
}
```

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(51, 255, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 85.1763, -69.5477, 48.2920 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(51, 255, 60) }
```


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

```
.border{ border-color:rgb(51, 255, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 60);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
60) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.1763, -69.5477, 48.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 60) }
```

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

```
.background{ background-color: rgb(51, 255,  
60) }
```

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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