

Converting Colors

HunterLab(86.5314, -64.1187,
51.3282)

Have a look what the booklet for
HunterLab(86.5314, -64.1187,
51.3282) contains.

HunterLab(86.5275, -64.1325, 51.3069)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(86.5275,
-64.1325, 51.3069)**

Conversions

Conversions Part 1

Format	Color
Hex	6DFF1F
RGB	109, 255, 31
RGB Percent	43%, 100%, 12%
CMY	0.5726, 0.0000, 0.8784
CMYK	0.57, 0.00, 0.88, 0.00
HSL	99°, 100%, 56%
HSV	99°, 88%, 100%
XYZ	42.3139, 74.8701, 13.5174
YIQ	185.8100, -15.1120, -100.6160

Conversions

Conversions Part 2

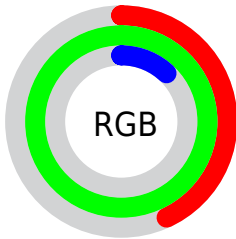
Format	Color
RYB	31, 255, 177
Decimal	7208735
CIELab	89.33, -72.23, 81.83
CIELCh	89, 109.152, 131.435
Yxy	74.8702, 0.3237, 0.5728
Android (android.graphics.Color)	4285398815 (0xFF6DFF1F)
YUV	185.8100, -76.3213, -67.3624
Hunter-Lab	86.5275, -64.1325, 51.3069

Details

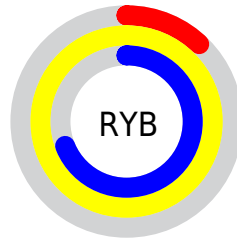
The HunterLab color **86.5275, -64.1325, 51.3069** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark washed chartreuse. A complement of this color would be **41.8923, 82.9592, -106.6316**, and the grayscale version is **70.3090, -3.7515, 3.8200**.

A 20% lighter version of the original color is **90.2652, -47.9873, 46.5241**, and **63.2864, -53.7841, 38.0552** is the 20% darker color. If you saturate the color by 10%, you get **85.9226, -66.7644, 51.6670**, and if you desaturate by 10%, it is **87.3026, -60.7006, 50.1468**.

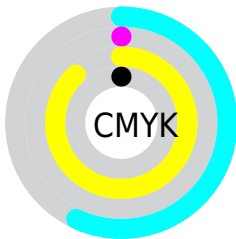
Distribution



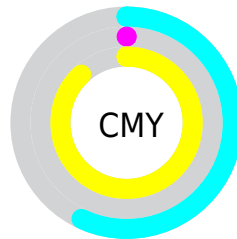
- Red (43%)
- Green (100%)
- Blue (12%)



- Red (12%)
- Yellow (100%)
- Blue (69%)



- Cyan (57%)
- Magenta (0%)
- Yellow (88%)
- Black (0%)



- Cyan (57%)
- Magenta (0%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.5275, -64.1325, 51.3069 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 86.5275, -64.1325, 51.3069 by changing the saturation by 10% instead.

86.5275, -64.1325,
51.3069

86.5275, -64.1325,
51.3069

218.5112,
-99.1348, 91.7611

74.5027, -59.6064,
46.0626

112.3070,
-72.6646, 61.2265

63.0931, -54.8607,
40.6052

126.0128,
-76.7225, 65.9418

52.3340, -49.8459,
34.9231

140.2347,
-80.6673, 70.5171

42.2672, -44.4952,
29.2710

154.9548,
-84.5139, 74.9675

32.9442, -38.7153,
23.0610

170.1567,
-88.2744, 79.3062

24.4300, -32.3723,
17.1010


185.8255,

16.8100, -26.5414,


-91.9592, 83.5449


11.7670


201.9478,
-95.5769, 87.6935


 10.2052, -17.8591,
7.1436


0.0000, NaN, NaN


 86.5275, -64.1325,
51.3069


 86.5275, -64.1325,
51.3069


 85.9226, -66.7644,
51.6670

 87.3026, -60.7006,
50.1468

 85.8097, -67.2530,
51.6982

 88.2620, -56.4117,
48.0347

 89.4145, -51.2447,
44.8816

 90.7658, -45.2035,
40.6394

■ 92.3185, -38.3114,
35.2911

■ 94.0730, -30.6072,
28.8458

■ 96.0277, -22.1415,
21.3333

■ 98.1792, -12.9725,
12.7990

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.



86.5276, -24.6273, 56.6941



86.5275, -64.1325, 51.3069



86.5276, -83.8541, 31.0328

Triad

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



86.5276, -64.1323, 51.3062



86.5276, -35.8177, -155.4994



86.5276, 125.5313, 22.3927

Complementary

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



86.5275, -64.1325, 51.3069



41.8923, 82.9592, -106.6316

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.



86.5276, 120.3598, -33.8861



86.5275, -64.1325, 51.3069



86.5276, 17.3851, -163.5878

Square

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



86.5276, -64.1323, 51.3062



86.5276, -70.5527, -91.9682



86.5276, 77.1841, -109.9371



86.5276, 89.9243, 48.3669

Rectangle

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



86.5275, -64.1325, 51.3069



86.5276, -87.0667, 2.1503



86.5276, 77.1841, -109.9371



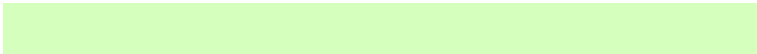
86.5276, 128.7012, 7.1937

Sweetspot

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



86.5276, -64.1323, 51.3062



94.4172, -29.1073, 27.5445



72.5586, 13.5711, 43.8878



43.3841, -14.7648, 13.8646

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.5276, -64.1323, 51.3062



85.8097, -67.2530, 51.6982



84.9639, -70.3899, 47.6731



45.2500, -6.7303, 6.6115



62.0882, -48.3614, 37.4118



19.5230, -14.4661, 11.7767

Inverse Universe

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



41.8923, 82.9592, -106.6316



39.1797, 85.5237, -117.5289



52.4239, 94.9683, -43.7182



42.3855, 2.2308, -2.1693



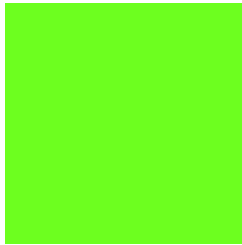
28.4732, 62.0105, -84.3074



9.2207, 19.7744, -24.9218

Previews

White Background



This preview shows how the HunterLab color 86.5275, -64.1325, 51.3069 looks on a white background.

Color Contrast Check

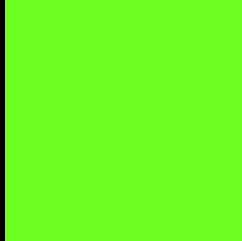
Large Text (above 18pt) WCAG AA × Fail

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 86.5275, -64.1325, 51.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

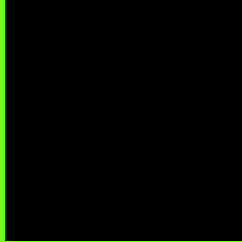
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

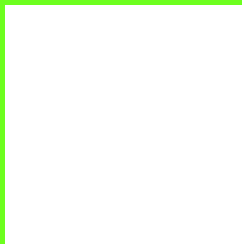
Any Text WCAG AAA ✓ Pass

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

HunterLab 86.5275, -64.1325, 51.3069 Background



This preview shows how black text looks on a background with the HunterLab color 86.5275, -64.1325, 51.3069.



This preview shows how white text looks on a background with the HunterLab color 86.5275,

-64.1325, 51.3069.

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

86.5275, -64.1325, 51.3069

Protanopia

85.6339, -11.6830, 52.1361

Deuteranopia

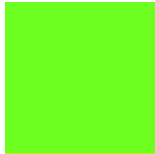
85.7288, 1.0851, 29.2042



Tritanopia

86.2924, -24.2447, -12.2548

Trichromacy



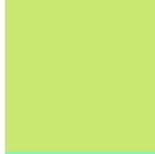
Original Color

86.5275, -64.1325, 51.3069



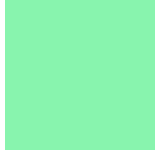
Protanomaly

84.6290, -35.4350, 50.9597



Deuteranomaly

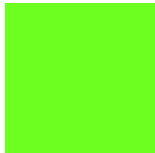
84.2160, -28.7461, 40.1825



Tritanomaly

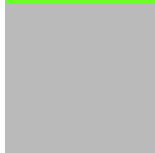
85.4351, -44.7454, 24.0715

Monochromacy



Original Color

86.5275, -64.1325, 51.3069



Achromatopsia

70.0729, -3.7389, 3.8072



Achromatomaly

74.4777, -31.0554, 28.5367

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.5275, -64.1325, 51.3069 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(109, 255, 31)` looks like.

```
.text, #text, p{  
    color:rgb(109, 255, 31)  
}
```

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(109, 255, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 255, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 86.5275, -64.1325, 51.3069 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(109, 255, 31) }
```


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

```
.border{ border-color:rgb(109, 255, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 255, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 255, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 255, 31);  
box-shadow:4px 4px 4px 4px rgb(109, 255,  
31) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.5275, -64.1325, 51.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 255, 31) }
```

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

```
.background{ background-color: rgb(109,  
255, 31) }
```

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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