

# Converting Colors

HunterLab(85.2942, -68.4370,  
43.6408)

Have a look what the booklet for  
HunterLab(85.2942, -68.4370,  
43.6408) contains.

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# Color

**HunterLab(85.2875,  
-68.4688, 43.6620)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24FF60
RGB	36, 255, 96
RGB Percent	14%, 100%, 38%
CMY	0.8588, 0.0000, 0.6235
CMYK	0.86, 0.00, 0.62, 0.00
HSL	136°, 100%, 57%
HSV	136°, 86%, 100%
XYZ	38.5988, 72.7396, 23.0721
YIQ	171.3930, -79.4850, -95.8770

# Conversions

## Conversions Part 2

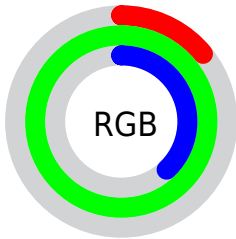
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 208, 255
Decimal	2424672
CIELab	88.32, -79.40, 60.63
CIELCh	88, 99.903, 142.635
Yxy	72.7397, 0.2872, 0.5412
Android (android.graphics.Color)	4280614752 (0xFF24FF60)
YUV	171.3930, -37.1687, -118.7397
Hunter-Lab	85.2875, -68.4688, 43.6620

# Details

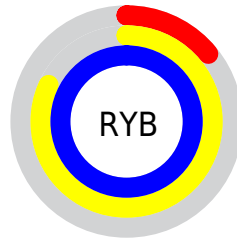
The HunterLab color **85.2875, -68.4688, 43.6620** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark washed spring green. A complement of this color would be **51.4411, 89.4491, -26.2416**, and the grayscale version is **64.1512, -3.4229, 3.4855**.

A 20% lighter version of the original color is **88.3823, -54.0845, 33.8731**, and **62.9392, -53.2127, 36.2025** is the 20% darker color. If you saturate the color by 10%, you get **84.9297, -70.3405, 46.1366**, and if you desaturate by 10%, it is **85.8806, -65.5264, 40.6745**.

# Distribution



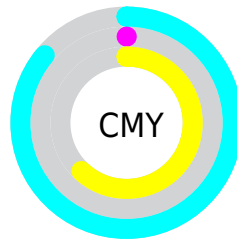
- Red (14%)
- Green (100%)
- Blue (38%)



- Red (14%)
- Yellow (82%)
- Blue (100%)



- Cyan (86%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)




- Cyan (86%)
- Magenta (0%)
- Yellow (62%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.2875, -68.4688, 43.6620 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 85.2875, -68.4688, 43.6620 by changing the saturation by 10% instead.





 85.2875, -68.4688,  
43.6620

 85.2875, -68.4688,  
43.6620


216.8207,  
-106.5912, 74.8702

 73.3234, -63.4936,  
39.6485


 110.9539,  
-77.8168, 51.2495

 61.9777, -58.2651,  
35.4574


 124.6065,  
-82.2496, 54.8646

 51.2863, -52.7266,  
31.0585


 138.7773,  
-86.5509, 58.3814

 41.2921, -46.8024,  
26.4215

 153.4479,  
-90.7379, 61.8125

 32.0475, -40.3876,  
21.7290

168.6018,  
-94.8245, 65.1685

 23.6191, -33.3359,  
16.5334

184.2242,

 16.0953, -28.1668,

-98.8226, 68.4585

11.2667

200.3013,  
-102.7420, 71.6902

■ 9.6017, -16.8031,  
6.7212

0.0000, NaN, NaN

■ 85.2875, -68.4688,  
43.6620

■ 85.2875, -68.4688,  
43.6620

■ 84.9297, -70.3405,  
46.1366


■ 85.8806, -65.5264,  
40.6745


■ 84.8295, -70.8874,  
46.9961

■ 86.7414, -61.4037,  
37.1992


■ 87.8919, -56.0504,  
33.2701

■ 89.3465, -49.4664,  
28.9330

 91.1127, -41.6925,  
24.2428

 93.1924, -32.8025,  
19.2594

 95.5828, -22.8930,  
14.0446

 98.2772, -12.0753,  
8.6584

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.



85.2876, -38.5890, 53.3280



85.2875, -68.4688, 43.6620



85.2876, -80.6756, 15.5855

# Triad

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



85.2876, -68.4683, 43.6613



85.2876, -16.5695, -145.6658



85.2876, 103.9597, 32.9410

# Complementary

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



85.2875, -68.4688, 43.6620



51.4411, 89.4491, -26.2416

# 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.



85.2876, 113.7142, -7.9754



85.2875, -68.4688, 43.6620



85.2876, 35.8257, -130.8613

# Square

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



85.2876, -68.4683, 43.6613



85.2876, -55.5484, -105.1988



85.2876, 86.4276, -71.9127



85.2876, 62.2214, 50.1067



# Rectangle

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



85.2875, -68.4688, 43.6620



85.2876, -79.7353, -17.9623



85.2876, 86.4276, -71.9127



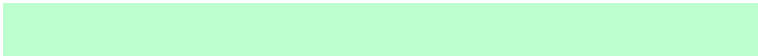
85.2876, 111.4277, 22.3709

# Sweetspot

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



85.2876, -68.4683, 43.6613



93.1659, -32.9139, 19.3199



91.3585, -44.6010, 54.4306



42.7537, -16.7061, 9.7500

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.2876, -68.4683, 43.6613



84.8295, -70.8874, 46.9961



87.3212, -55.9698, 14.0812



44.9999, -7.4449, 4.9160



61.3370, -51.1324, 33.7141



19.1849, -15.6705, 9.8486



# Inverse Universe

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



51.4411, 89.4491, -26.2416



49.7679, 92.2783, -22.4862



48.1785, 77.2075, 19.9158



42.6737, 2.9885, -0.1492



36.0118, 66.8352, -16.7601

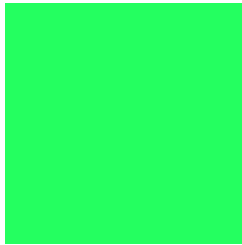


11.3187, 21.1461, -6.3488



# Previews

## White Background



This preview shows how the HunterLab color 85.2875, -68.4688, 43.6620 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

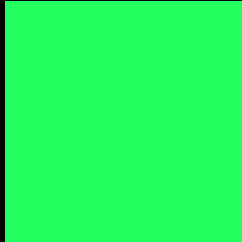
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.2875, -68.4688, 43.6620 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

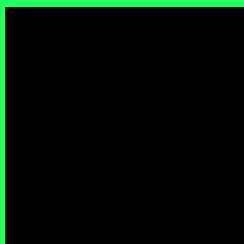
Any Text WCAG AA ✓ Pass

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 85.2875, -68.4688, 43.6620 Background



This preview shows how black text looks on a background with the HunterLab color 85.2875, -68.4688, 43.6620.



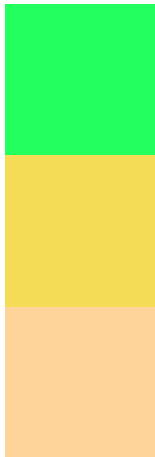
This preview shows how white text looks on a background with the HunterLab color 85.2875, -68.4688, 43.6620.

-68.4688, 43.6620.

# 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

85.2875, -68.4688, 43.6620

### Protanopia

84.4220, -10.4539, 45.6543

### Deuteranopia

84.0913, 2.9142, 30.0033



## Tritanopia

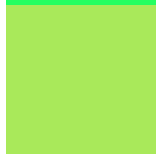
84.8092, -29.7932, -14.4027

# Trichromacy



## Original Color

85.2875, -68.4688, 43.6620



## Protanomaly

82.1286, -40.8210, 42.9096



## Deuteranomaly

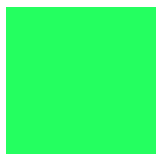
81.4383, -33.5262, 33.1747



## Tritanomaly

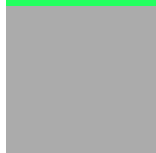
84.2358, -48.3616, 13.8790

# Monochromacy



## Original Color

85.2875, -68.4688, 43.6620



## Achromatopsia

63.8154, -3.4050, 3.4672



## Achromatomaly

69.5645, -34.0318, 19.7811

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.2875, -68.4688, 43.6620 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(36, 255, 96)` looks like.

```
.text, #text, p{  
    color:rgb(36, 255, 96)  
}
```

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(36, 255, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 255, 96) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.2875, -68.4688, 43.6620 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(36, 255, 96) }
```



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

```
.border{ border-color:rgb(36, 255, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 255, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 255, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 255, 96);  
box-shadow:4px 4px 4px 4px rgb(36, 255,  
96) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.2875, -68.4688, 43.6620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 255, 96) }
```

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

```
.background{ background-color: rgb(36, 255,  
96) }
```

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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