

Converting Colors

HunterLab(84.9791, -65.1912,
37.5615)

Have a look what the booklet for
HunterLab(84.9791, -65.1912,
37.5615) contains.

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Color

**HunterLab(84.9873,
-65.1233, 37.4583)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 29FD7E |
| RGB | 41, 253, 126 |
| RGB Percent | 16%, 99%, 49% |
| CMY | 0.8392, 0.0078, 0.5059 |
| CMYK | 0.84, 0.00, 0.50, 0.01 |
| HSL | 144°, 98%, 58% |
| HSV | 144°, 84%, 99% |
| XYZ | 39.8057, 72.2284, 31.5822 |
| YIQ | 175.1340, -85.5850, -84.4410 |

Conversions

Conversions Part 2

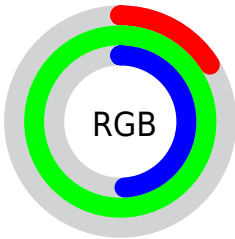
| Format | Color |
|-------------------------------------|----------------------------------|
| RYB | 41, 192, 253 |
| Decimal | 2751870 |
| CIELab | 88.08, -74.53, 47.05 |
| CIELCh | 88, 88.139, 147.733 |
| Yxy | 72.2313, 0.2772, 0.5029 |
| Android (android.graphics.Color) | 4280941950 (0xFF29FD7E) |
| YUV | 175.1340, -24.2231, -117.6355 |
| Hunter-Lab | 84.9873, -65.1233, 37.4583 |

Details

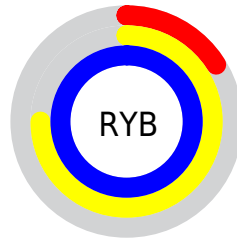
The HunterLab color **84.9873, -65.1233, 37.4583** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **50.2963, 83.6497, -11.2173**, and the grayscale version is **65.6552, -3.5032, 3.5672**.

A 20% lighter version of the original color is **89.0035, -50.3490, 24.8405**, and **62.8580, -51.1687, 31.8915** is the 20% darker color. If you saturate the color by 10%, you get **84.5608, -67.3528, 40.4132**, and if you desaturate by 10%, it is **85.6447, -61.8966, 34.2020**.

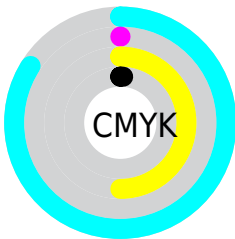
Distribution



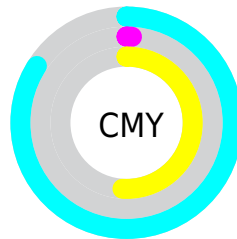
- Red (16%)
- Green (99%)
- Blue (49%)



- Red (16%)
- Yellow (75%)
- Blue (99%)



- Cyan (84%)
- Magenta (0%)
- Yellow (50%)
- Black (1%)





- Cyan (84%)
- Magenta (1%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.9873, -65.1233, 37.4583 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 84.9873, -65.1233, 37.4583 by changing the saturation by 10% instead.


 84.9873, -65.1233,
37.4583


 84.9873, -65.1233,
37.4583


216.4131,
-101.2071, 62.8190

 73.0395, -60.4363,
34.2581


 110.6279,
-73.9461, 43.5421

 61.7093, -55.5136,
30.9225


 124.2677,
-78.1351, 46.4574

 51.0344, -50.3032,
27.4235


 138.4260,
-82.2036, 49.3051

 41.0577, -44.7335,
23.7252

 153.0847,
-86.1674, 52.0950

 31.8321, -38.7040,
19.7849

168.2270,
-90.0395, 54.8351

 23.4246, -32.0720,
16.1568

183.8382,

 15.9243, -26.9363,

-93.8310, 57.5321

11.1470

199.9044,
-97.5509, 60.1918

■ 9.4579, -16.5513,
6.6205

0.0000, NaN, NaN

■ 84.9873, -65.1233,
37.4583

■ 84.9873, -65.1233,
37.4583

■ 84.5608, -67.3528,
40.4132

■ 85.6447, -61.8966,
34.2020

■ 84.3810, -68.3451,
42.0684

■ 86.5561, -57.5816,
30.6863

■ 87.7424, -52.1436,
26.9589

■ 89.2158, -45.5897,
23.0702

■ 90.9827, -37.9617,
19.0717

■ 93.0443, -29.3286,
15.0138

■ 95.3978, -19.7787,
10.9433

■ 98.0369, -9.4118,
6.9021

■ 99.3647, -4.2768,
4.7016

Harmonies

Analogous

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



84.9890, -40.5821, 49.5833



84.9873, -65.1233, 37.4583



84.9890, -73.8796, 7.7629

Triad

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



84.9890, -65.1243, 37.4588



84.9890, -7.8756, -122.2889



84.9890, 84.5247, 34.3037

Complementary

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



84.9873, -65.1233, 37.4583



50.2963, 83.6497, -11.2173

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.



84.9890, 98.1429, 1.3652



84.9873, -65.1233, 37.4583



84.9890, 38.7349, -102.5510

Square

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



84.9890, -65.1243, 37.4588



84.9890, -45.3187, -96.0557



84.9890, 79.9219, -50.8419



84.9890, 45.7580, 48.5258

Rectangle

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



84.9873, -65.1233, 37.4583



84.9890, -71.2850, -23.8648



84.9890, 79.9219, -50.8419



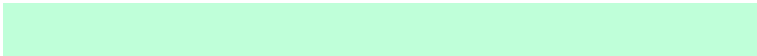
84.9890, 92.5027, 25.7498

Sweetspot

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



84.9890, -65.1243, 37.4588



93.6102, -30.7041, 15.6488



88.7473, -51.2836, 52.3860



42.9603, -15.6539, 7.9069

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.9890, -65.1243, 37.4588



85.1376, -68.9630, 42.4568



87.4871, -49.9059, 1.3958



45.0431, -7.2034, 4.2974



61.5646, -49.7108, 30.3609



19.2647, -15.1736, 8.6763

Inverse Universe

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



50.2963, 83.6497, -11.2173



48.5304, 87.8326, -5.2507



47.7701, 74.0063, 25.0380



42.6261, 2.7333, 0.5278



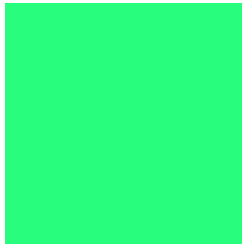
35.1237, 63.6464, -4.4041



11.0580, 20.2138, -2.7507

Previews

White Background



This preview shows how the HunterLab color 84.9873, -65.1233, 37.4583 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 84.9873, -65.1233, 37.4583 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 84.9873, -65.1233, 37.4583 Background



This preview shows how black text looks on a background with the HunterLab color 84.9873, -65.1233, 37.4583.



This preview shows how white text looks on a background with the HunterLab color 84.9873, -65.1233, 37.4583.

-65.1233, 37.4583.

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

84.9873, -65.1233, 37.4583

Protanopia

84.0111, -9.6683, 40.3629

Deuteranopia

83.8759, 3.8732, 28.5656



Tritanopia

84.6404, -30.4314, -14.6498

Trichromacy



Original Color

84.9873, -65.1233, 37.4583



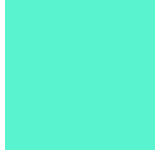
Protanomaly

81.7219, -38.1822, 37.2533



Deuteranomaly

81.1458, -30.7107, 29.2951



Tritanomaly

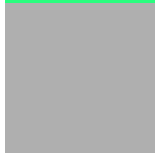
84.1599, -46.2113, 9.0097

Monochromacy



Original Color

84.9873, -65.1233, 37.4583



Achromatopsia

65.4745, -3.4936, 3.5574



Achromatomaly

70.4144, -31.8489, 15.9726

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.9873, -65.1233, 37.4583 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(41, 253, 126)` looks like.

```
.text, #text, p{  
    color:rgb(41, 253, 126)  
}
```

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(41, 253, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 253, 126) }
```

Border

The CSS property to change the border of an element to HunterLab 84.9873, -65.1233, 37.4583 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(41, 253, 126) }
```


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

```
.border{ border-color:rgb(41, 253, 126) }
```

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

Here you see how a box with a 4 pixel rgb(41, 253, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 253, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 253, 126);  
box-shadow:4px 4px 4px 4px rgb(41, 253,  
126) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.9873, -65.1233, 37.4583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 253, 126) }
```

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

```
.background{ background-color: rgb(41, 253,  
126) }
```

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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