

Converting Colors

HunterLab(85.9912, -64.1004,
33.2974)

Have a look what the booklet for
HunterLab(85.9912, -64.1004,
33.2974) contains.

HunterLab(85.9880, -64.1262, 33.3920)	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(85.9880,
-64.1262, 33.3920)**

Conversions

Conversions Part 1

Format	Color
Hex	24FF91
RGB	36, 255, 145
RGB Percent	14%, 100%, 57%
CMY	0.8588, 0.0000, 0.4314
CMYK	0.86, 0.00, 0.43, 0.00
HSL	150°, 100%, 57%
HSV	150°, 86%, 100%
XYZ	41.5983, 73.9394, 38.8673
YIQ	176.9790, -95.2140, -80.6380

Conversions

Conversions Part 2

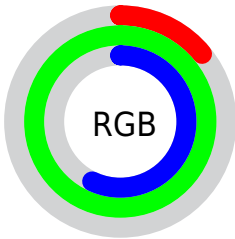
Format	Color
R_{YB}	36, 182, 255
Decimal	2424721
CIE _{Lab}	88.89, -72.51, 38.98
CIE _{LCh}	89, 82.319, 151.740
Yxy	73.9396, 0.2694, 0.4789
Android (android.graphics.Color)	4280614801 (0xFF24FF91)
YUV	176.9790, -15.7656, -123.6386
Hunter-Lab	85.9880, -64.1262, 33.3920

Details

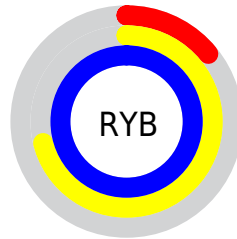
The HunterLab color **85.9880, -64.1262, 33.3920** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle washed spring green. A complement of this color would be **49.5960, 82.5787, -0.5048**, and the grayscale version is **66.3909, -3.5425, 3.6071**.

A 20% lighter version of the original color is **89.4289, -47.7235, 18.0423**, and **63.8144, -50.2996, 28.8199** is the 20% darker color. If you saturate the color by 10%, you get **85.5915, -66.2202, 36.4117**, and if you desaturate by 10%, it is **86.5970, -61.1144, 30.2016**.

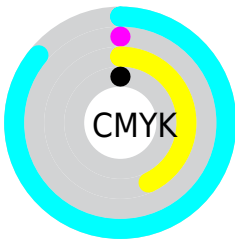
Distribution



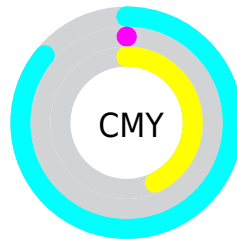
- Red (14%)
- Green (100%)
- Blue (57%)



- Red (14%)
- Yellow (71%)
- Blue (100%)



- Cyan (86%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)





- Cyan (86%)
- Magenta (0%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.9880, -64.1262, 33.3920 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 85.9880, -64.1262, 33.3920 by changing the saturation by 10% instead.


 85.9880, -64.1262,
33.3920


 85.9880, -64.1262,
33.3920


217.7762,
-99.2826, 55.3200

 73.9896, -59.5747,
30.6773


 111.7185,
-72.7013, 38.5825

 62.6077, -54.8009,
27.8609


 125.4012,
-76.7783, 41.0861

 51.8780, -49.7542,
24.9175


 139.6009,
-80.7408, 43.5414

 41.8427, -44.3666,
21.8150

 154.2995,
-84.6040, 45.9562

 32.5536, -38.5430,
18.5109

169.4806,
-88.3802, 48.3366

 24.0766, -32.1469,
14.9870

185.1293,

 16.4983, -26.5128,

-92.0797, 50.6879

11.5488

201.2320,
-95.7114, 53.0145

■ 9.9415, -17.3977,
6.9591

0.0000, NaN, NaN

■ 85.9880, -64.1262,
33.3920

■ 85.9880, -64.1262,
33.3920

■ 85.5915, -66.2202,
36.4117

■ 86.5970, -61.1144,
30.2016

■ 85.4694, -66.8986,
37.5857

■ 87.4485, -57.0870,
26.8927

■ 88.5634, -51.9966,
23.5138

■ 89.9556, -45.8384,
20.1135

■ 91.6328, -38.6424,
16.7382

■ 93.5979, -30.4657,
13.4306

■ 95.8494, -21.3858,
10.2281

■ 98.3823, -11.4931,
7.1620

■ 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.



85.9881, -42.6254, 47.4111



85.9880, -64.1262, 33.3920



85.9881, -70.6250, 2.3465

Triad

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



85.9881, -64.1255, 33.3913



85.9881, -2.1593, -110.7849



85.9881, 74.2088, 35.7710

Complementary

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



85.9880, -64.1262, 33.3920



49.5960, 82.5787, -0.5048

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.



85.9881, 90.4290, 6.9509



85.9880, -64.1262, 33.3920



85.9881, 41.4702, -87.9584

Square

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



85.9881, -64.1255, 33.3913



85.9881, -39.1620, -92.4320



85.9881, 77.4517, -39.4994



85.9881, 36.4812, 48.2565

Rectangle

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



85.9880, -64.1262, 33.3920



85.9881, -66.7974, -28.3961



85.9881, 77.4517, -39.4994



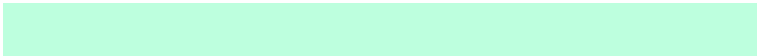
85.9881, 82.6473, 28.2899

Sweetspot

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



85.9881, -64.1255, 33.3913



93.5726, -30.5696, 13.4698



88.3467, -56.6131, 52.3272



42.9615, -15.5008, 6.7573

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.9881, -64.1255, 33.3913



85.4694, -66.8986, 37.5857



88.8157, -46.9886, -7.2144



45.0766, -7.0169, 3.8196



61.8065, -48.2069, 26.8122



19.3429, -14.6889, 7.5321

Inverse Universe

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



49.5960, 82.5787, -0.5048



47.7710, 85.0762, 5.5439



47.6162, 75.0487, 28.1931



42.5903, 2.5412, 1.0374



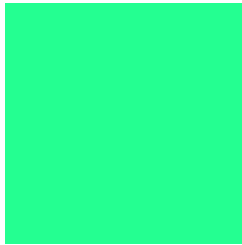
34.5752, 61.6570, 3.3822



10.8905, 19.6088, -0.3936

Previews

White Background



This preview shows how the HunterLab color 85.9880, -64.1262, 33.3920 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 85.9880, -64.1262, 33.3920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

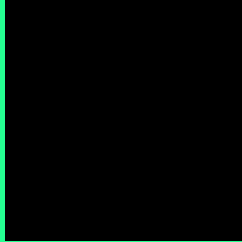
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

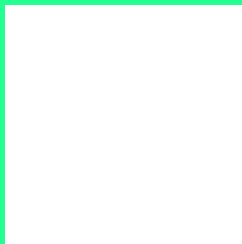
Any Text WCAG AAA ✓ Pass

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

HunterLab 85.9880, -64.1262, 33.3920 Background



This preview shows how black text looks on a background with the HunterLab color 85.9880, -64.1262, 33.3920.



This preview shows how white text looks on a background with the HunterLab color 85.9880,

-64.1262, 33.3920.

Color Blindness Simulation

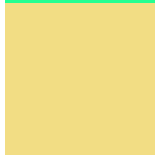
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85.9880, -64.1262, 33.3920



Protanopia

85.0036, -8.8197, 36.9981



Deuteranopia

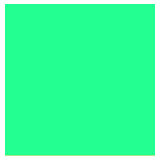
85.0480, 3.8189, 25.2641



Tritanopia

85.5072, -28.9142, -13.4172

Trichromacy



Original Color

85.9880, -64.1262, 33.3920



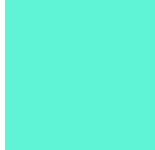
Protanomaly

82.6435, -37.5163, 33.2887



Deuteranomaly

82.3172, -30.8189, 25.5636



Tritanomaly

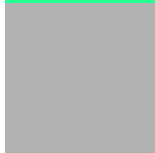
84.9085, -44.6532, 6.6460

Monochromacy



Original Color

85.9880, -64.1262, 33.3920



Achromatopsia

66.3066, -3.5380, 3.6026



Achromatomaly

71.2846, -31.5297, 13.7656

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.9880, -64.1262, 33.3920 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(36, 255, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 255, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 85.9880, -64.1262, 33.3920 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, 145) }
```


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

```
.border{ border-color:rgb(36, 255, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 255, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 255, 145);  
box-shadow:4px 4px 4px 4px rgb(36, 255,  
145) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.9880, -64.1262, 33.3920 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, 145) }
```

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

```
.background{ background-color: rgb(36, 255,  
145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor