

Converting Colors

HunterLab(88.5684, -53.6334,
36.3604)

Have a look what the booklet for
HunterLab(88.5684, -53.6334,
36.3604) contains.

HunterLab(88.5944, -53.5129, 36.2636)	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(88.5944,
-53.5129, 36.2636)**

Conversions

Conversions Part 1

Format	Color
Hex	85FF8F
RGB	133, 255, 143
RGB Percent	52%, 100%, 56%
CMY	0.4784, 0.0000, 0.4392
CMYK	0.48, 0.00, 0.44, 0.00
HSL	125°, 100%, 76%
HSV	125°, 48%, 100%
XYZ	50.3908, 78.4897, 38.4808
YIQ	205.7540, -36.7600, -60.6960

Conversions

Conversions Part 2

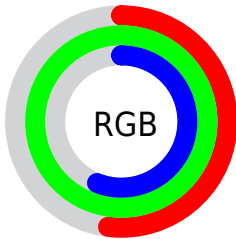
Format	Color
RYB	133, 246, 255
Decimal	8781711
CIELab	91.00, -56.54, 43.08
CIElCh	91, 71.086, 142.694
Yxy	78.4899, 0.3011, 0.4690
Android (android.graphics.Color)	4286971791 (0xFF85FF8F)
YUV	205.7540, -30.9377, -63.8053
Hunter-Lab	88.5944, -53.5129, 36.2636

Details

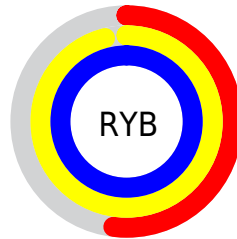
The HunterLab color **88.5944, -53.5129, 36.2636** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **66.8040, 59.7352, -34.4580**, and the grayscale version is **78.5971, -4.1937, 4.2703**.

A 20% lighter version of the original color is **93.1685, -33.3563, 22.8271**, and **64.8580, -45.9988, 30.1120** is the 20% darker color. If you saturate the color by 10%, you get **87.1913, -59.9491, 40.6819**, and if you desaturate by 10%, it is **90.3373, -45.6993, 31.0574**.

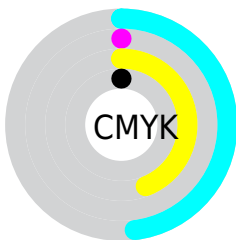
Distribution



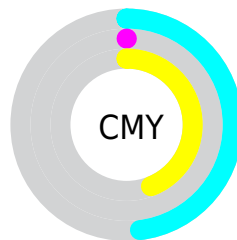
- Red (52%)
- Green (100%)
- Blue (56%)



- Red (52%)
- Yellow (96%)
- Blue (100%)



- Cyan (48%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)





- Cyan (48%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 88.5944, -53.5129, 36.2636 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 88.5944, -53.5129, 36.2636 by changing the saturation by 10% instead.


 88.5944, -53.5129,
36.2636

 88.5944, -53.5129,
36.2636


221.3208,
-81.9458, 59.8114


 76.4699, -49.9215,
33.3296


 114.5602,
-60.3380, 41.8639

 64.9553, -46.1786,
30.2830


 128.3536,
-63.6092, 44.5596

 54.0847, -42.2487,
27.0979


 142.6600,
-66.8041, 47.1997

 43.8990, -38.0836,
23.7420

157.4617,
-69.9332, 49.7925

 34.4476, -33.6151,
20.1738

172.7426,
-73.0053, 52.3447

 25.7930, -28.7421,
16.3885

188.4881,

 18.0164, -23.3084,

-76.0275, 54.8622

12.6115

204.6849,
-79.0059, 57.3497

■ 11.2313, -19.6548,
7.8619

■ 3.3322, -5.8314,
2.3326

■ 88.5944, -53.5129,
36.2636

■ 88.5944, -53.5129,
36.2636

■ 87.1913, -59.9491,
40.6819

■ 90.3373, -45.6993,
31.0574

■ 86.1173, -64.9769,
44.2779

■ 92.4232, -36.5858,
25.1246

■ 85.3542, -68.6165,
47.0422

■ 94.8495, -26.2797,
18.5393

■ 84.8741, -70.9516,
48.9987

■ 97.6093, -14.9091,
11.3854

■ 84.6344, -72.1525, 100.0000, -5.3358,
50.2054 5.4332

■ 84.6013, -72.3186,
50.3708

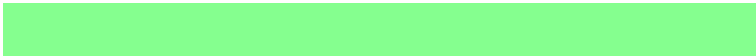
Harmonies

Analogous

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



88.5945, -29.9825, 46.7037



88.5944, -53.5129, 36.2636



88.5945, -63.6658, 12.8249

Triad

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



88.5945, -53.5124, 36.2629



88.5945, -13.3983, -89.0092



88.5945, 68.9366, 26.7254

Complementary

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



88.5944, -53.5129, 36.2636



66.8040, 59.7352, -34.4580

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.



88.5945, 75.2790, -4.0040



88.5944, -53.5129, 36.2636



88.5945, 23.7075, -80.4242

Square

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



88.5945, -53.5124, 36.2629



88.5945, -43.0417, -65.5280



88.5945, 57.6026, -45.3329



88.5945, 41.4473, 42.9388

Rectangle

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



88.5944, -53.5129, 36.2636



88.5945, -62.8493, -10.9700



88.5945, 57.6026, -45.3329



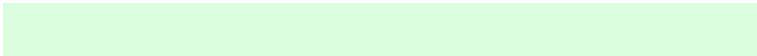
88.5945, 73.7745, 18.1548

Sweetspot

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



88.5945, -53.5124, 36.2629



95.8711, -22.0288, 15.8527



96.4175, -23.7638, 45.3503



44.0862, -11.3045, 8.0367

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

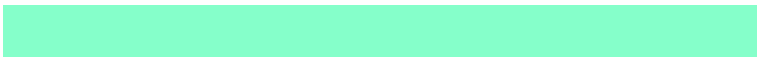
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5945, -53.5124, 36.2629



87.2966, -59.4609, 40.3409



89.8762, -45.8460, 17.6625



44.9359, -7.8033, 5.8339



61.1614, -52.2331, 36.3098



19.1053, -16.1687, 11.0237

Inverse Universe

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



66.8040, 59.7352, -34.4580



62.2997, 71.3915, -41.1218



64.4786, 49.0466, -2.0582



42.7471, 3.3813, -1.1915



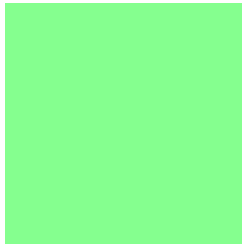
37.7179, 72.8584, -39.6990



11.8003, 22.8425, -12.7942

Previews

White Background



This preview shows how the HunterLab color 88.5944, -53.5129, 36.2636 looks on a white background.

Color Contrast Check

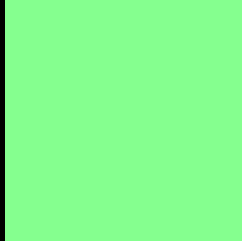
Large Text (above 18pt) WCAG AA × Fail

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 88.5944, -53.5129, 36.2636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

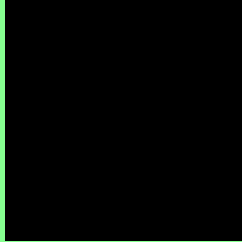
Any Text WCAG AA ✓ Pass

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 88.5944, -53.5129, 36.2636 Background



This preview shows how black text looks on a background with the HunterLab color 88.5944, -53.5129, 36.2636.



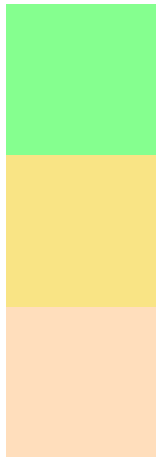
This preview shows how white text looks on a background with the HunterLab color 88.5944,

-53.5129, 36.2636.

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

88.5944, -53.5129, 36.2636

Protanopia

87.9318, -9.6626, 39.0517

Deuteranopia

87.8256, 1.6613, 22.0282



Tritanopia

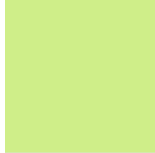
88.2902, -20.3208, -9.4841

Trichromacy



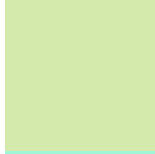
Original Color

88.5944, -53.5129, 36.2636



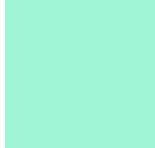
Protanomaly

87.3044, -28.4278, 37.2263



Deuteranomaly

86.9903, -21.4555, 26.6259



Tritanomaly

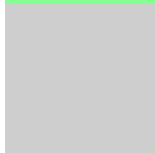
88.0516, -34.3056, 10.8186

Monochromacy



Original Color

88.5944, -53.5129, 36.2636



Achromatopsia

78.5625, -4.1919, 4.2684



Achromatomaly

81.4334, -24.5947, 17.1305

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 88.5944, -53.5129, 36.2636 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(133, 255, 143)` looks like.

```
.text, #text, p{  
    color:rgb(133, 255, 143)  
}
```

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(133, 255, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 255, 143) }
```

Border

The CSS property to change the border of an element to HunterLab 88.5944, -53.5129, 36.2636 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(133, 255, 143) }
```


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

```
.border{ border-color:rgb(133, 255, 143) }
```

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

Here you see how a box with a 4 pixel rgb(133, 255, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 255, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 255, 143);  
box-shadow:4px 4px 4px 4px rgb(133, 255,  
143) }
```

Background

The CSS property to change the background color of an element to HunterLab 88.5944, -53.5129, 36.2636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 255, 143) }
```

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

```
.background{ background-color: rgb(133,  
255, 143) }
```

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