

Converting Colors

HunterLab(87.1507, -43.5318,
26.7101)

Have a look what the booklet for
HunterLab(87.1507, -43.5318,
26.7101) contains.

HunterLab(87.1469, -43.5616, 26.7245)	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(87.1469,
-43.5616, 26.7245)**

Conversions

Conversions Part 1

Format	Color
Hex	96F7AB
RGB	150, 247, 171
RGB Percent	59%, 97%, 67%
CMY	0.4118, 0.0314, 0.3294
CMYK	0.39, 0.00, 0.31, 0.03
HSL	133°, 86%, 78%
HSV	133°, 39%, 97%
XYZ	53.1891, 75.9458, 50.3837
YIQ	209.3330, -33.4160, -44.2000

Conversions

Conversions Part 2

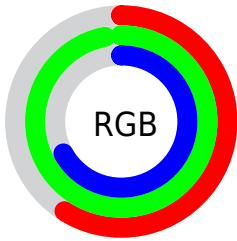
Format	Color
RYB	150, 230, 247
Decimal	9893803
CIELab	89.84, -44.15, 27.78
CIELCh	90, 52.163, 147.822
Yxy	75.9490, 0.2963, 0.4231
Android (android.graphics.Color)	4288083883 (0xFF96F7AB)
YUV	209.3330, -18.8982, -52.0350
Hunter-Lab	87.1469, -43.5616, 26.7245

Details

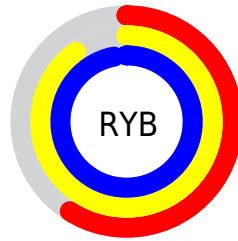
The HunterLab color **87.1469, -43.5616, 26.7245** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **68.6145, 43.8033, -19.1293**, and the grayscale version is **80.0833, -4.2730, 4.3511**.

A 20% lighter version of the original color is **95.0429, -24.7965, 12.7957**, and **63.6511, -37.6362, 22.5974** is the 20% darker color. If you saturate the color by 10%, you get **85.5352, -50.7641, 31.3308**, and if you desaturate by 10%, it is **89.0714, -35.2181, 21.7061**.

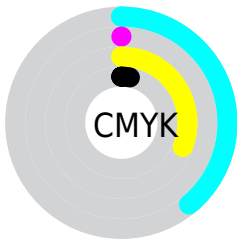
Distribution



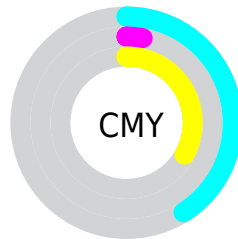
- Red (59%)
- Green (97%)
- Blue (67%)



- Red (59%)
- Yellow (90%)
- Blue (97%)



- Cyan (39%)
- Magenta (0%)
- Yellow (31%)
- Black (3%)





- Cyan (41%)
- Magenta (3%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.1469, -43.5616, 26.7245 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 87.1469, -43.5616, 26.7245 by changing the saturation by 10% instead.


 87.1469, -43.5616,
26.7245


 87.1469, -43.5616,
26.7245


219.3566,
-67.1107, 44.0956

 75.0937, -40.6508,
24.6580


 112.9844,
-49.1375, 30.7334

 63.6524, -37.6304,
22.5329


 126.7166,
-51.8271, 32.6908

 52.8595, -34.4749,
20.3338


140.9641,
-54.4651, 34.6255

 42.7568, -31.1474,
18.0379

155.7088,
-57.0593, 36.5421

 33.3949, -27.5944,
15.6134

170.9346,
-59.6161, 38.4445

 24.8381, -23.7348,
13.0140


186.6265,

 17.1706, -19.4373,


-62.1407, 40.3359


10.4696


202.7713,
-64.6376, 42.2189


 10.5110, -18.3942,
7.3577


0.0000, NaN, NaN


 87.1469, -43.5616,
26.7245


 87.1469, -43.5616,
26.7245


 85.5352, -50.7641,
31.3308


 89.0714, -35.2181,
21.7061


 84.2272, -56.7573,
35.4652

 91.3019, -25.8201,
16.3366

 83.2153, -61.5150,
39.0807

 93.8343, -15.4775,
10.6821

 82.4829, -65.0538,
42.1437

 96.6598, -4.3072,
4.8059

■ 82.0051, -67.4439,
44.6360

■ 97.4702, -1.0794,
2.4930

■ 81.7379, -68.8538,
46.5498

■ 81.7226, -68.9351,
46.6649

Harmonies

Analogous

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



87.1487, -27.0860, 37.5358



87.1469, -43.5616, 26.7245



87.1487, -49.7672, 6.5576

Triad

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



87.1487, -43.5630, 26.7253



87.1487, -6.5740, -58.5535



87.1487, 44.8911, 24.3916

Complementary

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



87.1469, -43.5616, 26.7245



68.6145, 43.8033, -19.1293

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.



87.1487, 52.0401, 2.8900



87.1469, -43.5616, 26.7245



87.1487, 20.3032, -49.6243

Square

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



87.1487, -43.5630, 26.7253



87.1487, -30.0542, -46.7710



87.1487, 42.5630, -25.0613



87.1487, 24.0345, 36.4971

Rectangle

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



87.1469, -43.5616, 26.7245



87.1487, -47.8750, -11.3527



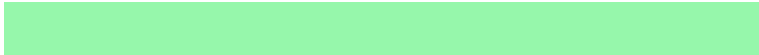
87.1487, 42.5630, -25.0613



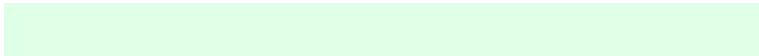
87.1487, 49.0782, 18.2562

Sweetspot

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



87.1487, -43.5630, 26.7253



96.5413, -19.0864, 12.7130



92.2799, -24.8547, 37.8880



44.5025, -9.4885, 6.2392

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.1487, -43.5630, 26.7253



89.0281, -51.1040, 31.4788



88.3547, -36.4705, 9.3393



43.0474, -7.2083, 4.9590



59.4443, -50.0411, 33.7242



17.6645, -14.5757, 9.3857

Inverse Universe

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



68.6145, 43.8033, -19.1293



66.5507, 55.3966, -24.0979



66.9680, 35.8381, 4.0864



40.8696, 2.9493, -0.4276



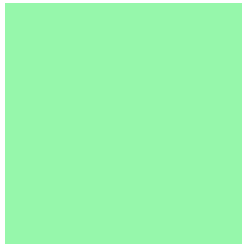
35.3957, 66.4660, -22.4748



10.5642, 19.9552, -7.6201

Previews

White Background



This preview shows how the HunterLab color 87.1469, -43.5616, 26.7245 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 87.1469, -43.5616, 26.7245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

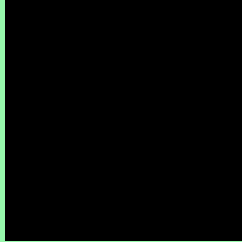
Any Text WCAG AA ✓ Pass

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 87.1469, -43.5616, 26.7245 Background



This preview shows how black text looks on a background with the HunterLab color 87.1469, -43.5616, 26.7245.



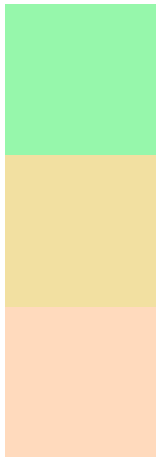
This preview shows how white text looks on a background with the HunterLab color 87.1469,

-43.5616, 26.7245.

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

87.1469, -43.5616, 26.7245

Protanopia

86.4649, -7.4097, 30.0286

Deuteranopia

86.6469, 3.8974, 20.5160



Tritanopia

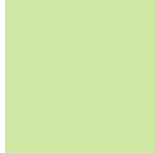
86.9113, -20.2522, -11.3407

Trichromacy



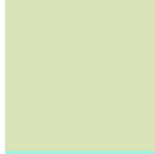
Original Color

87.1469, -43.5616, 26.7245



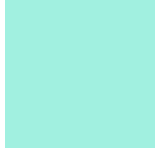
Protanomaly

86.0146, -21.9804, 28.0797



Deuteranomaly

86.1207, -15.8257, 22.3220



Tritanomaly

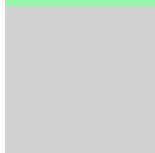
86.7635, -29.8114, 4.7507

Monochromacy



Original Color

87.1469, -43.5616, 26.7245



Achromatopsia

79.8497, -4.2606, 4.3384



Achromatomaly

82.1017, -19.8022, 12.9594

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.1469, -43.5616, 26.7245 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(150, 247, 171)` looks like.

```
.text, #text, p{  
    color:rgb(150, 247, 171)  
}
```

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(150, 247, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 247, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 87.1469, -43.5616, 26.7245 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(150, 247, 171) }
```


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

```
.border{ border-color:rgb(150, 247, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 247, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 247, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 247, 171); box-shadow:4px 4px 4px 4px rgb(150, 247, 171) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.1469, -43.5616, 26.7245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 247, 171) }
```

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

```
.background{ background-color: rgb(150,  
247, 171) }
```

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