

Converting Colors

HunterLab(87.9450, -54.8727,
25.8654)

Have a look what the booklet for
HunterLab(87.9450, -54.8727,
25.8654) contains.

HunterLab(87.9343, -54.9194, 25.8773)	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(87.9343,
-54.9194, 25.8773)**

Conversions

Conversions Part 1

Format	Color
Hex	64FFAF
RGB	100, 255, 175
RGB Percent	39%, 100%, 69%
CMY	0.6078, 0.0000, 0.3137
CMYK	0.61, 0.00, 0.31, 0.00
HSL	149°, 100%, 70%
HSV	149°, 61%, 100%
XYZ	48.7533, 77.3244, 52.9129
YIQ	199.5350, -66.7000, -57.7400

Conversions

Conversions Part 2

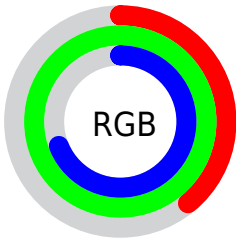
Format	Color
RYB	100, 204, 255
Decimal	6619055
CIELab	90.47, -58.68, 26.33
CIELCh	90, 64.316, 155.835
Yxy	77.3247, 0.2724, 0.4320
Android (android.graphics.Color)	4284809135 (0xFF64FFAF)
YUV	199.5350, -12.0958, -87.2922
Hunter-Lab	87.9343, -54.9194, 25.8773

Details

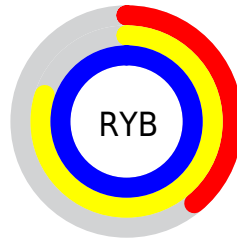
The HunterLab color **87.9343, -54.9194, 25.8773** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **58.0261, 64.6793, -7.2333**, and the grayscale version is **75.8714, -4.0483, 4.1222**.

A 20% lighter version of the original color is **92.2367, -35.0662, 7.6252**, and **64.3094, -47.2676, 21.8244** is the 20% darker color. If you saturate the color by 10%, you get **86.9476, -59.5074, 29.2762**, and if you desaturate by 10%, it is **89.1941, -49.2510, 22.4114**.

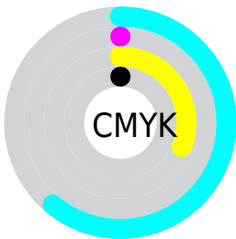
Distribution



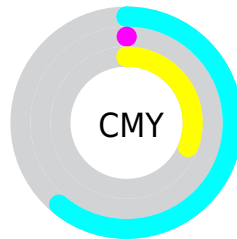
- Red (39%)
- Green (100%)
- Blue (69%)



- Red (39%)
- Yellow (80%)
- Blue (100%)



- Cyan (61%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)





- Cyan (61%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.9343, -54.9194, 25.8773 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 87.9343, -54.9194, 25.8773 by changing the saturation by 10% instead.


 87.9343, -54.9194,
25.8773


 87.9343, -54.9194,
25.8773


220.4247,
-84.2497, 42.6668

 75.8416, -51.1989,
23.8926


 113.8410,
-61.9786, 29.7331

 64.3603, -47.3173,
21.8573


 127.6066,
-65.3574, 31.6209

 53.5251, -43.2365,
19.7555


 141.8861,
-68.6548, 33.4893

 43.3771, -38.9055,
17.5666

156.6619,
-71.8819, 35.3427

 33.9664, -34.2516,
15.2609

171.9176,
-75.0479, 37.1844

 25.3562, -29.1676,
12.7954

187.6388,

 17.6292, -23.5454,

-78.1603, 39.0175

10.2323

203.8119,
-81.2258, 40.8443

■ 10.9010, -19.0767,
7.6307

■ 2.2832, -3.9956,
1.5982

■ 87.9343, -54.9194,
25.8773

■ 87.9343, -54.9194,
25.8773

■ 86.9476, -59.5074,
29.2762

■ 89.1941, -49.2510,
22.4114

■ 86.2165, -63.0411,
32.5610

■ 90.7370, -42.5189,
18.9290

■ 85.7159, -65.5906,
35.6816

■ 92.5682, -34.7680,
15.4752

■ 85.4165, -67.2270,
38.3605

■ 94.6884, -26.0680,
12.0915

■ 97.0939, -16.5049,
8.8141

■ 99.7783, -6.1742,
5.6727

■ 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.



87.9345, -38.4880, 40.7205



87.9343, -54.9194, 25.8773



87.9345, -58.8004, -1.4980

Triad

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



87.9345, -54.9187, 25.8766



87.9345, 1.7713, -77.6648



87.9345, 52.1504, 33.0436

Complementary

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



87.9343, -54.9194, 25.8773



58.0261, 64.6793, -7.2333

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.



87.9345, 66.8062, 10.6389



87.9343, -54.9194, 25.8773



87.9345, 35.1205, -58.6272

Square

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



87.9345, -54.9187, 25.8766



87.9345, -28.9289, -68.9085



87.9345, 60.1599, -23.3103



87.9345, 22.4818, 43.6777

Rectangle

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



87.9343, -54.9194, 25.8773



87.9345, -54.3299, -25.3874



87.9345, 60.1599, -23.3103



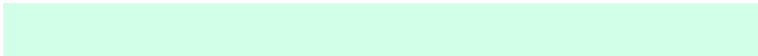
87.9345, 59.1787, 27.0205

Sweetspot

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



87.9345, -54.9187, 25.8766



95.3294, -23.4892, 11.1673



90.6387, -46.5561, 47.1489



43.7939, -12.1139, 5.6137

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.9345, -54.9187, 25.8766



86.7642, -60.3801, 30.0161



90.1578, -41.6518, -5.9666



45.0718, -7.0437, 3.8882



61.7681, -48.4452, 27.3746



19.3308, -14.7640, 7.7094

Inverse Universe

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



58.0261, 64.6793, -7.2333



53.1147, 75.5648, -5.6449



55.9875, 55.7734, 22.0017



42.5954, 2.5686, 0.9649



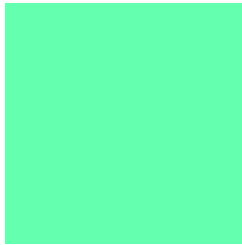
34.6469, 61.9179, 2.3575



10.9128, 19.6897, -0.7096

Previews

White Background



This preview shows how the HunterLab color 87.9343, -54.9194, 25.8773 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 87.9343, -54.9194, 25.8773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

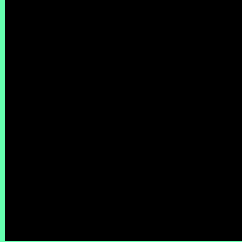
Any Text WCAG AA ✓ Pass

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 87.9343, -54.9194, 25.8773 Background



This preview shows how black text looks on a background with the HunterLab color 87.9343, -54.9194, 25.8773.



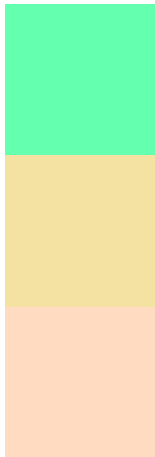
This preview shows how white text looks on a background with the HunterLab color 87.9343, -54.9194, 25.8773.

-54.9194, 25.8773.

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

87.9343, -54.9194, 25.8773

Protanopia

87.2101, -7.9510, 30.3603

Deuteranopia

87.0479, 3.9159, 19.3431



Tritanopia

87.6990, -24.2105, -10.3449

Trichromacy



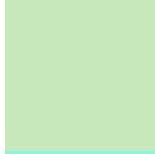
Original Color

87.9343, -54.9194, 25.8773



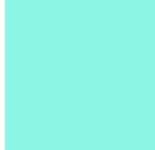
Protanomaly

86.2756, -29.4415, 27.5231



Deuteranomaly

85.6741, -22.2694, 20.2538



Tritanomaly

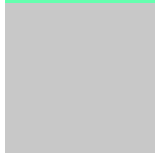
87.2921, -36.4882, 4.2797

Monochromacy



Original Color

87.9343, -54.9194, 25.8773



Achromatopsia

75.9987, -4.0551, 4.1292



Achromatomaly

79.2720, -25.4476, 11.5358

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.9343, -54.9194, 25.8773 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(100, 255, 175)` looks like.

```
.text, #text, p{  
    color:rgb(100, 255, 175)  
}
```

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(100, 255, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 255, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 87.9343, -54.9194, 25.8773 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(100, 255, 175) }
```


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

```
.border{ border-color:rgb(100, 255, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 255, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 255, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 255, 175);  
box-shadow:4px 4px 4px 4px rgb(100, 255,  
175) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.9343, -54.9194, 25.8773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 255, 175) }
```

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

```
.background{ background-color: rgb(100,  
255, 175) }
```

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