

# Converting Colors

HunterLab(87.3518, -52.7921,  
33.1744)

Have a look what the booklet for  
HunterLab(87.3518, -52.7921,  
33.1744) contains.

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# Color

**HunterLab(87.3261,  
-52.8259, 33.2946)**

# Conversions

Conversions Part 1	
Format	Color
Hex	7EFC96
RGB	126, 252, 150
RGB Percent	49%, 99%, 59%
CMY	0.5059, 0.0117, 0.4118
CMYK	0.50, 0.00, 0.40, 0.01
HSL	131°, 95%, 74%
HSV	131°, 50%, 99%
XYZ	48.9196, 76.2585, 40.9952
YIQ	202.6980, -42.3540, -58.4340

# Conversions

## Conversions Part 2

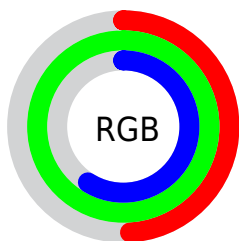
Format	Color
<a href="#">RYB</a>	<a href="#">126, 232, 252</a>
Decimal	<a href="#">8322198</a>
CIELab	<a href="#">89.98, -56.11, 38.31</a>
CIELCh	<a href="#">90, 67.938, 145.679</a>
Yxy	<a href="#">76.2616, 0.2944, 0.4589</a>
Android (android.graphics.Color)	<a href="#">4286512278</a> (0xFF7EFC96)
YUV	<a href="#">202.6980, -25.9801, -67.2641</a>
Hunter-Lab	<a href="#">87.3261, -52.8259, 33.2946</a>

# Details

The HunterLab color **87.3261, -52.8259, 33.2946** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **64.2028, 58.9411, -27.1912**, and the grayscale version is **77.2718, -4.1230, 4.1983**.

A 20% lighter version of the original color is **92.8666, -34.1444, 19.7513**, and **63.6570, -45.3739, 27.6683** is the 20% darker color. If you saturate the color by 10%, you get **86.0117, -58.8771, 37.5075**, and if you desaturate by 10%, it is **88.9607, -45.5124, 28.5408**.

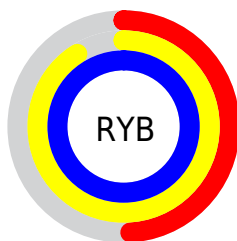
# Distribution



Red (49%)

Green (99%)

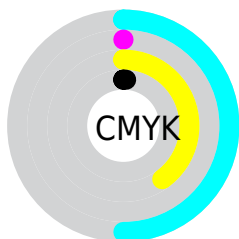
Blue (59%)



Red (49%)

Yellow (91%)

Blue (99%)

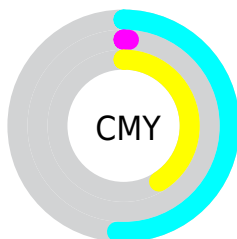


Cyan (50%)

Magenta (0%)

Yellow (40%)

Black (1%)



Cyan (51%)

Magenta (1%)


Yellow (41%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.3261, -52.8259, 33.2946 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 87.3261, -52.8259, 33.2946 by changing the saturation by 10% instead.





 87.3261, -52.8259,  
33.2946


 87.3261, -52.8259,  
33.2946


219.6003,  
-81.1472, 54.9080


 75.2643, -49.2467,  
30.6301


 113.1798,  
-59.6294, 38.4002

 63.8138, -45.5129,  
27.8673


 126.9196,  
-62.8880, 40.8651

 53.0112, -41.5898,  
24.9834


 141.1744,  
-66.0702, 43.2842

 42.8981, -37.4280,  
21.9476

155.9262,  
-69.1865, 45.6648

 33.5251, -32.9574,  
18.7192

171.1588,  
-72.2456, 48.0128

 24.9561, -28.0732,  
15.2459


186.8575,

 17.2750, -22.6602,


-75.2548, 50.3334


12.0925


203.0088,  
-78.2202, 52.6306


 10.5996, -18.5493,  
7.4197


0.0000, NaN, NaN


 87.3261, -52.8259,  
33.2946


 87.3261, -52.8259,  
33.2946


 86.0117, -58.8771,  
37.5075


 88.9607, -45.5124,  
28.5408


 85.0015, -63.6369,  
41.1318


 90.9142, -36.9968,  
23.3023


 84.2793, -67.1294,  
44.1391


 93.1871, -27.3736,  
17.6464

 83.8184, -69.4342,  
46.5189

 95.7739, -16.7555,  
11.6429

 83.5687, -70.7484,  
48.2719

 98.6653, -5.2650,  
5.3609

 99.0474, -3.7454,  
4.3345

# Harmonies

## Analogous

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



87.3279, -31.5022, 44.5566



87.3261, -52.8259, 33.2946



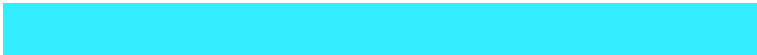
87.3279, -61.2877, 9.3600

# Triad

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



87.3279, -52.8272, 33.2953



87.3279, -9.5894, -84.0699



87.3279, 63.2522, 27.8477

# Complementary

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



87.3261, -52.8259, 33.2946



64.2028, 58.9411, -27.1912

# 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.



87.3279, 71.5094, -0.1185



87.3261, -52.8259, 33.2946



87.3279, 25.8656, -73.0290

# Square

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



87.3279, -52.8272, 33.2953



87.3279, -38.8974, -64.7597



87.3279, 56.9099, -38.6534



87.3279, 35.8195, 42.3724



# Rectangle

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



87.3261, -52.8259, 33.2946



87.3279, -59.6299, -14.0047



87.3279, 56.9099, -38.6534



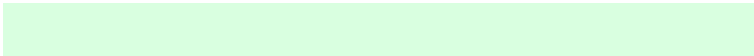
87.3279, 68.5273, 20.0968

# Sweetspot

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



87.3279, -52.8272, 33.2953



95.7169, -22.4910, 14.8878



93.6870, -28.9431, 44.7308



44.0304, -11.4462, 7.4785

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.3279, -52.8272, 33.2953



87.1707, -59.6936, 38.0295



88.7796, -44.1521, 12.2892



44.0037, -7.4279, 5.1977



60.3269, -50.9785, 34.6447



18.3973, -15.2767, 9.9830



# Inverse Universe

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



64.2028, 58.9411, -27.1912



60.2045, 71.6436, -32.4047



61.9419, 48.6031, 4.5322



41.7906, 3.0789, -0.5807



36.1557, 68.2564, -25.7732

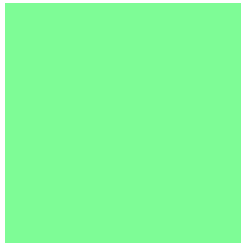


11.0672, 20.9981, -8.7032



# Previews

## White Background



This preview shows how the HunterLab color 87.3261, -52.8259, 33.2946 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

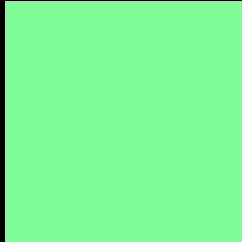
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.3261, -52.8259, 33.2946 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

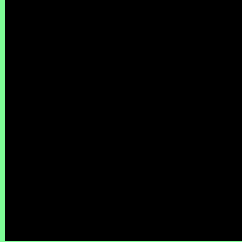
Any Text WCAG AA ✓ Pass

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 87.3261, -52.8259, 33.2946 Background



This preview shows how black text looks on a background with the HunterLab color 87.3261, -52.8259, 33.2946.



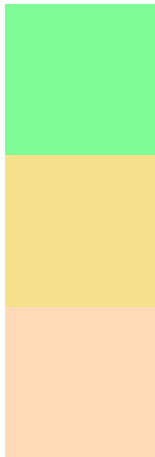
This preview shows how white text looks on a background with the HunterLab color 87.3261, -52.8259, 33.2946.

-52.8259, 33.2946.

# 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

87.3261, -52.8259, 33.2946

### Protanopia

86.6758, -9.0867, 36.5417

### Deuteranopia

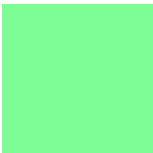
86.4755, 2.9744, 22.9948



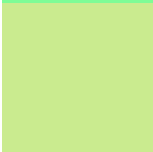
## Tritanopia

87.2069, -22.5859, -10.9806

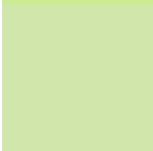
# Trichromacy



**Original Color**  
87.3261, -52.8259, 33.2946



**Protanomaly**  
85.9979, -27.9855, 34.5855

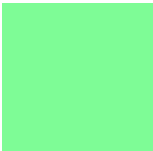


**Deuteranomaly**  
85.3849, -20.7200, 25.8434

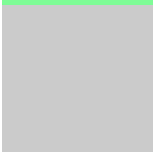


**Tritanomaly**  
86.8910, -35.0272, 8.1354

# Monochromacy



**Original Color**  
87.3261, -52.8259, 33.2946



**Achromatopsia**  
77.2788, -4.1234, 4.1987



**Achromatomaly**  
80.1795, -24.1318, 15.4509

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.3261, -52.8259, 33.2946 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(126, 252, 150)` looks like.

```
.text, #text, p{  
    color:rgb(126, 252, 150)  
}
```

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(126, 252, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 252, 150) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.3261, -52.8259, 33.2946 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(126, 252, 150) }
```



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

```
.border{ border-color:rgb(126, 252, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 252, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 252, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 252, 150);  
box-shadow:4px 4px 4px 4px rgb(126, 252,  
150) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.3261, -52.8259, 33.2946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 252, 150) }
```

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

```
.background{ background-color: rgb(126,  
252, 150) }
```

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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