

# Converting Colors

HunterLab(87.6032, -45.8476,  
17.2798)

Have a look what the booklet for  
HunterLab(87.6032, -45.8476,  
17.2798) contains.

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# Color

**HunterLab(87.6142,  
-45.9139, 17.4372)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DFAC5
RGB	125, 250, 197
RGB Percent	49%, 98%, 77%
CMY	0.5098, 0.0196, 0.2274
CMYK	0.50, 0.00, 0.21, 0.02
HSL	155°, 93%, 74%
HSV	155°, 50%, 98%
XYZ	52.7211, 76.7625, 64.8613
YIQ	206.5830, -57.4870, -42.9830

# Conversions

## Conversions Part 2

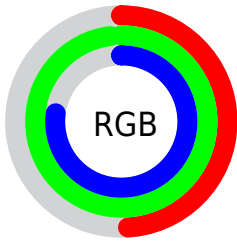
Format	Color
<a href="#">RYB</a>	<a href="#">125, 204, 250</a>
Decimal	<a href="#">8256197</a>
CIELab	<a href="#">90.21, -46.99, 14.84</a>
CIELCh	<a href="#">90, 49.280, 162.470</a>
Yxy	<a href="#">76.7656, 0.2713, 0.3950</a>
Android (android.graphics.Color)	<a href="#">4286446277 (0xFF7DFAC5)</a>
YUV	<a href="#">206.5830, -4.7244, -71.5483</a>
Hunter-Lab	<a href="#">87.6142, -45.9139, 17.4372</a>

# Details

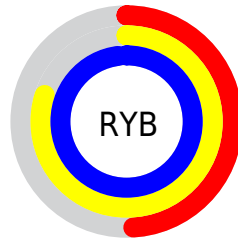
The HunterLab color  $87.6142, -45.9139, 17.4372$  is a light color, and the websafe version is hex  $66FFCC$ . A complement of this color would be  $61.8122, 50.0688, -1.4387$ , and the grayscale version is  $78.8513, -4.2073, 4.2841$ .

A 20% lighter version of the original color is  $94.2688, -25.9546, -1.3401$ , and  $64.1715, -39.7620, 14.8363$  is the 20% darker color. If you saturate the color by 10%, you get  $86.3978, -51.3068, 20.3068$ , and if you desaturate by 10%, it is  $89.1027, -39.5343, 14.6747$ .

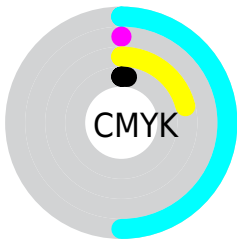
# Distribution



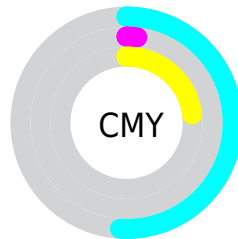
- Red (49%)
- Green (98%)
- Blue (77%)



- Red (49%)
- Yellow (80%)
- Blue (98%)



- Cyan (50%)
- Magenta (0%)
- Yellow (21%)
- Black (2%)




- Cyan (51%)
- Magenta (2%)
- Yellow (23%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.6142, -45.9139, 17.4372 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 87.6142, -45.9139, 17.4372 by changing the saturation by 10% instead.





 87.6142, -45.9139,  
17.4372


 87.6142, -45.9139,  
17.4372


219.9919,  
-70.5703, 29.8601


 75.5384, -42.8494,  
16.0656


 113.4938,  
-51.7724, 20.1711

 64.0732, -39.6659,  
14.6828


 127.2459,  
-54.5938, 21.5380

 53.2552, -36.3358,  
13.2828


 141.5125,  
-57.3580, 22.9083

 43.1255, -32.8197,  
11.8560

156.2756,  
-60.0735, 24.2838

 33.7346, -29.0607,  
10.3878

171.5193,  
-62.7472, 25.6657

 25.1459, -24.9732,  
8.8559

187.2286,

 17.4430, -20.4201,

-65.3849, 27.0552

7.2225

203.3903,  
-67.9912, 28.4531

■ 10.7424, -18.7993,  
6.4522

■ 1.5378, -2.6911,  
1.0764

■ 87.6142, -45.9139,  
17.4372

■ 87.6142, -45.9139,  
17.4372

■ 86.3978, -51.3068,  
20.3068

■ 89.1027, -39.5343,  
14.6747

■ 85.4381, -55.6984,  
23.2394


■ 90.8631, -32.2051,  
12.0531


■ 84.7208, -59.1127,  
26.1907


■ 92.8979, -23.9893,  
9.6039


■ 84.2222, -61.6154,  
29.1121

■ 95.2042, -14.9644,  
7.3511

 83.8973, -63.3737,  
31.9413

 97.7760, -5.2167,  
5.3123

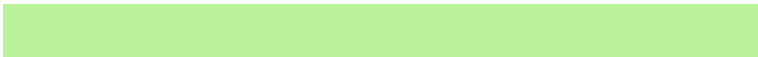
 83.8973, -63.3737,  
31.9414

 98.4145, -2.6806,  
3.5990

# Harmonies

## Analogous

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



87.6160, -34.7923, 32.2079



87.6142, -45.9139, 17.4372



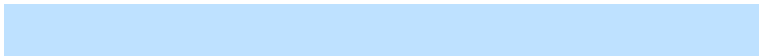
87.6160, -46.7956, -5.6751

# Triad

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



87.6160, -45.9149, 17.4381



87.6160, 5.9284, -52.5574



87.6160, 33.6135, 30.3383

# Complementary

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



87.6142, -45.9139, 17.4372



61.8122, 50.0688, -1.4387

# 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.



87.6160, 47.2883, 14.0675



87.6142, -45.9139, 17.4372



87.6160, 30.1443, -36.0411

# Square

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



87.6160, -45.9149, 17.4381



87.6160, -18.6741, -50.9020



87.6160, 45.9520, -10.1293

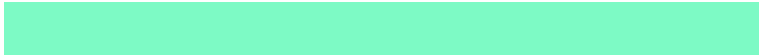


87.6160, 10.2523, 38.0940



# Rectangle

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



87.6142, -45.9139, 17.4372



87.6160, -41.6110, -23.4577



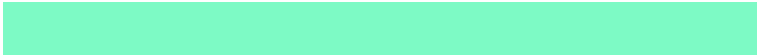
87.6160, 45.9520, -10.1293



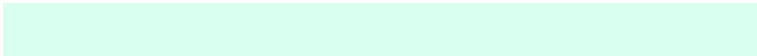
87.6160, 39.6071, 25.9128

# Sweetspot

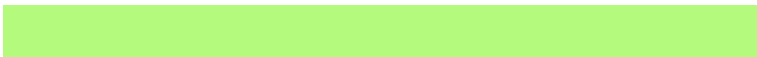
The Sweet Spot groups the original color and five complimentary colors.



87.6160, -45.9149, 17.4381



96.1522, -20.0327, 8.6476



89.1397, -42.8171, 41.2722



44.2570, -10.1613, 4.2280

0.0000, NaN, NaN

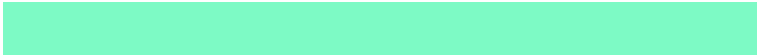


46.2646, -2.4686, 2.5136



# Same Dimension

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



87.6160, -45.9149, 17.4381



88.3561, -52.5053, 20.7874



86.3547, -32.5372, -9.4575



44.1326, -6.7079, 3.3532



61.1258, -46.0060, 22.9117



18.6594, -13.6501, 6.1442



# Inverse Universe

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



61.8122, 50.0688, -1.4387



57.9207, 61.8347, -0.5881



62.1876, 39.1712, 20.5064



41.6502, 2.3262, 1.4162



33.7044, 59.4387, 8.4544

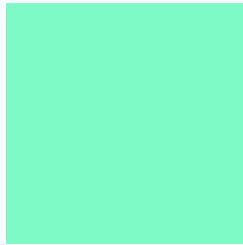


10.3577, 18.4557, 1.1281



# Previews

## White Background



This preview shows how the HunterLab color 87.6142, -45.9139, 17.4372 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

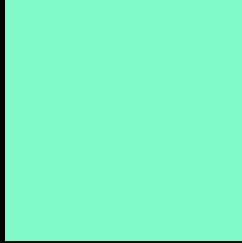
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.6142, -45.9139, 17.4372 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

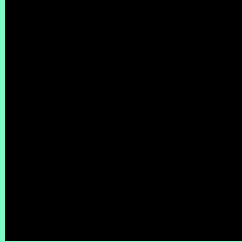
Any Text WCAG AA ✓ Pass

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 87.6142, -45.9139, 17.4372 Background



This preview shows how black text looks on a background with the HunterLab color 87.6142, -45.9139, 17.4372.



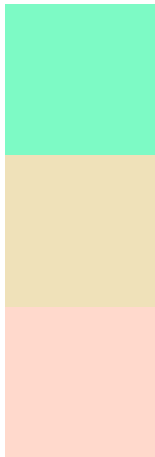
This preview shows how white text looks on a background with the HunterLab color 87.6142, -45.9139, 17.4372.

-45.9139, 17.4372.

# 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

87.6142, -45.9139, 17.4372

### Protanopia

87.0080, -6.0331, 22.2313

### Deuteranopia

86.7441, 6.5478, 14.5195



## Tritanopia

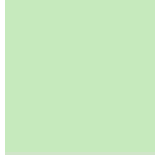
87.4815, -23.2916, -10.6219

# Trichromacy



## Original Color

87.6142, -45.9139, 17.4372



## Protanomaly

86.3282, -23.0908, 19.7255



## Deuteranomaly

85.8286, -15.9032, 14.4366



## Tritanomaly

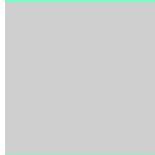
87.3714, -32.1286, 0.4521

# Monochromacy



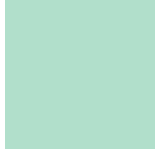
## Original Color

87.6142, -45.9139, 17.4372



## Achromatopsia

78.9912, -4.2148, 4.2917



## Achromatomaly

81.5072, -21.5342, 8.7482

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.6142, -45.9139, 17.4372 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(125, 250, 197)` looks like.

```
.text, #text, p{  
    color:rgb(125, 250, 197)  
}
```

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(125, 250, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 250, 197) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.6142, -45.9139, 17.4372 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(125, 250, 197) }
```



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

```
.border{ border-color:rgb(125, 250, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 250, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 250, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 250, 197);  
box-shadow:4px 4px 4px 4px rgb(125, 250,  
197) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.6142, -45.9139, 17.4372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 250, 197) }
```

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

```
.background{ background-color: rgb(125,  
250, 197) }
```

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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