

# Converting Colors

HunterLab(87.2256, -50.1010,  
23.2016)

Have a look what the booklet for  
HunterLab(87.2256, -50.1010,  
23.2016) contains.

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# Color

**HunterLab(87.2425,  
-50.0176, 23.1733)**

# Conversions

Conversions Part 1	
Format	Color
Hex	75FBB5
RGB	117, 251, 181
RGB Percent	46%, 98%, 71%
CMY	0.5412, 0.0157, 0.2902
CMYK	0.53, 0.00, 0.28, 0.02
HSL	149°, 94%, 72%
HSV	149°, 53%, 98%
XYZ	50.1739, 76.1125, 55.7629
YIQ	202.9540, -57.3940, -50.1780

# Conversions

## Conversions Part 2

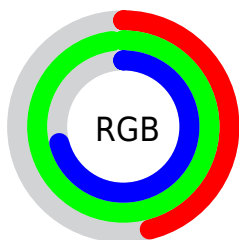
Format	Color
<a href="#">RYB</a>	<a href="#">117, 208, 251</a>
Decimal	<a href="#">7732149</a>
CIELab	<a href="#">89.91, -52.42, 22.59</a>
CIELCh	<a href="#">90, 57.083, 156.685</a>
Yxy	<a href="#">76.1156, 0.2756, 0.4181</a>
Android (android.graphics.Color)	<a href="#">4285922229</a> (0xFF75FBB5)
YUV	<a href="#">202.9540, -10.8233, -75.3817</a>
Hunter-Lab	<a href="#">87.2425, -50.0176, 23.1733</a>

# Details

The HunterLab color **87.2425, -50.0176, 23.1733** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **60.6807, 55.9430, -7.5686**, and the grayscale version is **77.3232, -4.1258, 4.2011**.

A 20% lighter version of the original color is **93.2639, -30.8113, 5.9948**, and **63.9108, -43.2676, 19.6785** is the 20% darker color. If you saturate the color by 10%, you get **86.0759, -55.3228, 26.5905**, and if you desaturate by 10%, it is **88.6890, -43.6601, 19.7198**.

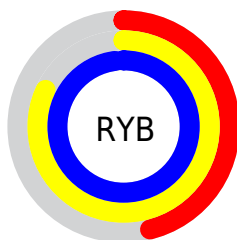
# Distribution



Red (46%)

Green (98%)

Blue (71%)



Red (46%)

Yellow (82%)

Blue (98%)

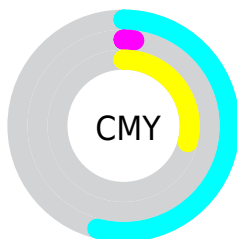


Cyan (53%)

Magenta (0%)

Yellow (28%)

Black (2%)



Cyan (54%)

Magenta (2%)


Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.2425, -50.0176, 23.1733 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 87.2425, -50.0176, 23.1733 by changing the saturation by 10% instead.





 87.2425, -50.0176,  
23.1733


 87.2425, -50.0176,  
23.1733


219.4865,  
-76.8561, 38.5198


 75.1847, -46.6460,  
21.3920


 113.0886,  
-56.4392, 26.6593

 63.7384, -43.1340,  
19.5717


 126.8249,  
-59.5210, 28.3749

 52.9404, -39.4495,  
17.7008


 141.0763,  
-62.5341, 30.0785

 42.8321, -35.5470,  
15.7616

155.8248,  
-65.4882, 31.7738

 33.4643, -31.3612,  
13.7290

171.0542,  
-68.3913, 33.4635

 24.9010, -26.7943,  
11.5648


186.7497,

 17.2262, -21.6946,


-71.2500, 35.1498


9.2334


202.8979,  
-74.0700, 36.8347


 10.5582, -18.4768,  
7.3907


0.0000, NaN, NaN


 87.2425, -50.0176,  
23.1733


 87.2425, -50.0176,  
23.1733


 86.0759, -55.3228,  
26.5905


 88.6890, -43.6601,  
19.7198


 85.1719, -59.5671,  
29.9209


 90.4163, -36.2852,  
16.2737


 84.5140, -62.7856,  
33.1170


 92.4277, -27.9574,  
12.8783

 84.0749, -65.0613,  
36.1309

 94.7207, -18.7579,  
9.5712

 83.8751, -66.1634,  
37.9912

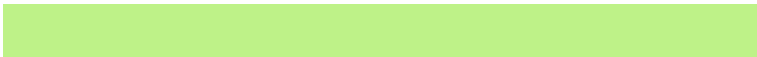
 97.2895, -8.7792,  
6.3839

 98.7305, -3.2132,  
3.9669

# Harmonies

## Analogous

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



87.2443, -35.4143, 37.3749



87.2425, -50.0176, 23.1733



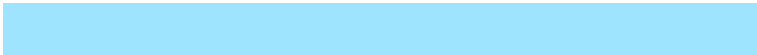
87.2443, -53.2411, -1.6259

# Triad

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



87.2443, -50.0187, 23.1741



87.2443, 1.8981, -65.6829



87.2443, 44.4807, 30.7773

# Complementary

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



87.2425, -50.0176, 23.1733



60.6807, 55.9430, -7.5686

# 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.



87.2443, 57.6186, 10.6763



87.2425, -50.0176, 23.1733



87.2443, 31.0503, -49.1132

# Square

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



87.2443, -50.0187, 23.1741



87.2443, -25.5659, -59.0131



87.2443, 52.4092, -18.8491



87.2443, 18.4214, 40.6622



# Rectangle

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



87.2425, -50.0176, 23.1733



87.2443, -48.9338, -22.4564



87.2443, 52.4092, -18.8491



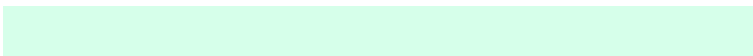
87.2443, 50.6991, 25.2947

# Sweetspot

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



87.2443, -50.0187, 23.1741



95.7960, -21.6392, 10.6185



90.0183, -41.4019, 43.6587



44.0934, -10.9151, 5.2323

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.2443, -50.0187, 23.1741



87.5658, -56.6468, 27.3017



89.1438, -38.7575, -4.0265



44.0991, -6.8948, 3.8319



60.8330, -47.8199, 27.1935



18.5707, -14.1972, 7.4359



# Inverse Universe

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



60.6807, 55.9430, -7.5686



56.6182, 67.9832, -7.5101



58.8434, 47.5666, 18.7127



41.6854, 2.5152, 0.9148



34.1662, 61.1235, 1.8222

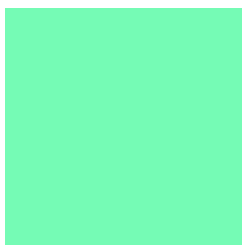


10.5004, 18.9739, -0.9016



# Previews

## White Background



This preview shows how the HunterLab color 87.2425, -50.0176, 23.1733 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

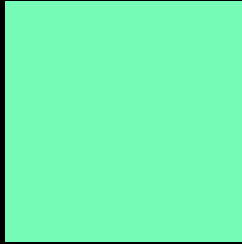
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.2425, -50.0176, 23.1733 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

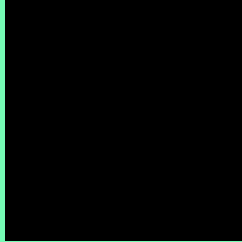
Any Text WCAG AA ✓ Pass

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 87.2425, -50.0176, 23.1733 Background



This preview shows how black text looks on a background with the HunterLab color 87.2425, -50.0176, 23.1733.



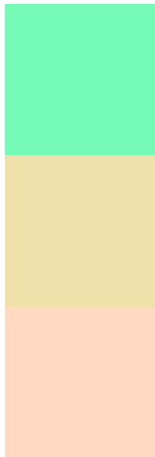
This preview shows how white text looks on a background with the HunterLab color 87.2425, -50.0176, 23.1733.

-50.0176, 23.1733.

# 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

87.2425, -50.0176, 23.1733

### Protanopia

86.4298, -7.1957, 27.3823

### Deuteranopia

86.4500, 4.9719, 18.7555



## Tritanopia

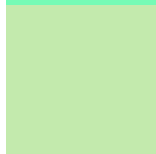
86.9121, -23.6739, -11.3994

# Trichromacy



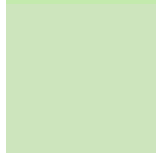
## Original Color

87.2425, -50.0176, 23.1733



## Protanomaly

85.7116, -26.1426, 25.0095



## Deuteranomaly

85.2595, -18.6019, 18.7312



## Tritanomaly

86.8639, -34.4498, 2.8228

# Monochromacy



## Original Color

87.2425, -50.0176, 23.1733



## Achromatopsia

77.2788, -4.1234, 4.1987



## Achromatomaly

79.9357, -22.7492, 10.5629

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.2425, -50.0176, 23.1733 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(117, 251, 181)` looks like.

```
.text, #text, p{  
    color:rgb(117, 251, 181)  
}
```

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(117, 251, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 251, 181) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.2425, -50.0176, 23.1733 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(117, 251, 181) }
```



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

```
.border{ border-color:rgb(117, 251, 181) }
```

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

Here you see how a box with a 4 pixel rgb(117, 251, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 251, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 251, 181);  
box-shadow:4px 4px 4px 4px rgb(117, 251,  
181) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.2425, -50.0176, 23.1733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 251, 181) }
```

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

```
.background{ background-color: rgb(117,  
251, 181) }
```

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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