

# Converting Colors

HunterLab(82.6333, -40.8466,  
8.2180)

Have a look what the booklet for  
HunterLab(82.6333, -40.8466,  
8.2180) contains.

<b>HunterLab(82.7462, -41.0298, 8.4296)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(82.7462,  
-41.0298, 8.4296)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70EDCE
RGB	112, 237, 206
RGB Percent	44%, 93%, 81%
CMY	0.5608, 0.0706, 0.1921
CMYK	0.53, 0.00, 0.13, 0.07
HSL	165°, 78%, 68%
HSV	165°, 53%, 93%
XYZ	48.1069, 68.4693, 69.0730
YIQ	196.0910, -64.5490, -36.1410

# Conversions

## Conversions Part 2

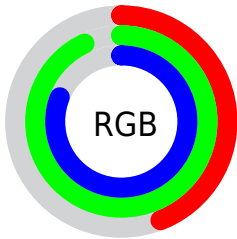
Format	Color
R <sub>Y</sub> B	112, 183, 237
Decimal	7400910
CIE Lab	86.24, -42.23, 4.43
CIE LCh	86, 42.457, 174.012
Yxy	68.4720, 0.2591, 0.3688
Android (android.graphics.Color)	4285590990 (0xFF70EDCE)
YUV	196.0910, 4.8851, -73.7478
Hunter-Lab	82.7462, -41.0298, 8.4296

# Details

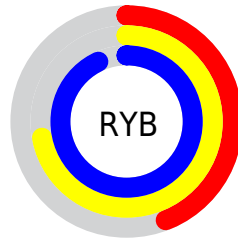
The HunterLab color **82.7462, -41.0298, 8.4296** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **56.1942, 46.7603, 8.0243**, and the grayscale version is **74.3373, -3.9665, 4.0389**.

A 20% lighter version of the original color is **93.5471, -28.5676, -2.8190**, and **59.5545, -35.0709, 6.5094** is the 20% darker color. If you saturate the color by 10%, you get **81.7534, -45.2993, 9.8988**, and if you desaturate by 10%, it is **83.9807, -35.8898, 7.2017**.

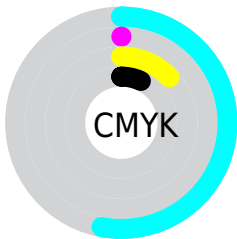
# Distribution



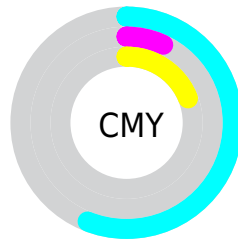
- Red (44%)
- Green (93%)
- Blue (81%)



- Red (44%)
- Yellow (72%)
- Blue (93%)



- Cyan (53%)
- Magenta (0%)
- Yellow (13%)
- Black (7%)




- Cyan (56%)
- Magenta (7%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.7462, -41.0298, 8.4296 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 82.7462, -41.0298, 8.4296 by changing the saturation by 10% instead.





 82.7462, -41.0298,  
8.4296


 82.7462, -41.0298,  
8.4296


213.3464,  
-63.9576, 17.0611


 70.9097, -38.1905,  
7.5790


 108.1791,  
-46.4610, 10.1996

 59.6971, -35.2410,  
6.7493


 121.7214,  
-49.0794, 11.1168

 49.1470, -32.1539,  
5.9411


 135.7859,  
-51.6472, 12.0555

 39.3041, -28.8894,  
5.1533

150.3538,  
-54.1722, 13.0154

 30.2233, -25.3890,  
4.3843

165.4085,  
-56.6608, 13.9962

 21.9750, -21.5618,  
3.6302

180.9345,

 14.6536, -17.3821,

-59.1184, 14.9976

2.8835

196.9180,  
-61.5494, 16.0194

■ 8.3128, -14.5473,  
2.6611

0.0000, NaN, NaN

■ 82.7462, -41.0298,  
8.4296

■ 82.7462, -41.0298,  
8.4296

■ 81.7534, -45.2993,  
9.8988

■ 83.9807, -35.8898,  
7.2017

■ 80.9859, -48.7031,  
11.5787


■ 85.4590, -29.8964,  
6.2327


■ 80.4281, -51.2803,  
13.4356

■ 87.1854, -23.0910,  
5.5373


■ 80.0559, -53.1078,  
15.4272

■ 89.1594, -15.5304,  
5.1222

 79.8712, -54.0823,  
16.9161

 91.3775, -7.2821,  
4.9882

 93.8337, 1.5799,  
5.1305

 94.1038, 2.8792,  
2.5193

 94.2997, 3.9346,  
-0.2661

 94.3667, 4.2952,  
-1.2180

# Harmonies

## Analogous

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



82.7478, -34.7579, 24.1266



82.7462, -41.0298, 8.4296



82.7478, -38.3176, -12.7920

# Triad

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



82.7478, -41.0306, 8.4306



82.7478, 12.7472, -39.0797



82.7478, 20.7984, 30.0444

# Complementary

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



82.7462, -41.0298, 8.4296



56.1942, 46.7603, 8.0243

# 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.



82.7478, 36.0018, 18.7216



82.7462, -41.0298, 8.4296



82.7478, 31.0371, -21.5383

# Square

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



82.7478, -41.0306, 8.4306



82.7478, -8.6102, -43.8128



82.7478, 39.9242, 0.3754



82.7478, -0.1440, 34.4307

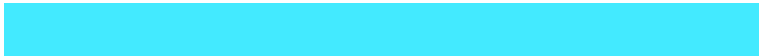


# Rectangle

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



82.7462, -41.0298, 8.4296



82.7478, -31.6261, -27.0523



82.7478, 39.9242, 0.3754



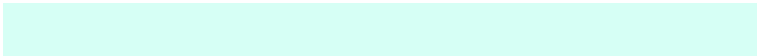
82.7478, 26.8306, 27.0849

# Sweetspot

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



82.7478, -41.0306, 8.4306



96.1413, -19.6915, 5.6818



82.2210, -47.1004, 38.7848



44.2726, -9.9008, 2.6699

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



82.7478, -41.0306, 8.4306



88.7877, -49.4339, 10.8438



73.2011, -20.8537, -20.1561



41.2969, -5.9267, 2.3196



59.0337, -39.8466, 12.2302



16.5882, -10.8878, 2.7698



# Inverse Universe

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



56.1942, 46.7603, 8.0243



55.7265, 61.3241, 11.3400



62.3670, 27.4134, 24.3361



38.8784, 1.8353, 2.1485



31.6520, 54.8013, 15.8311

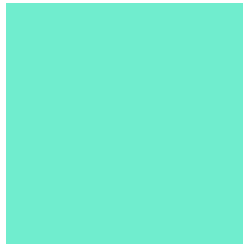


8.9536, 15.6660, 3.2065



# Previews

## White Background



This preview shows how the HunterLab color 82.7462, -41.0298, 8.4296 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

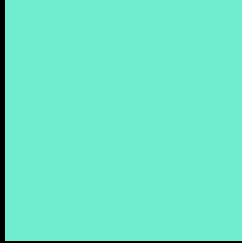
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 82.7462, -41.0298, 8.4296 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

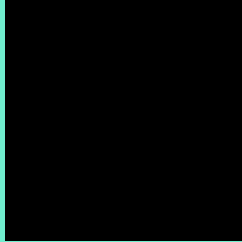
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

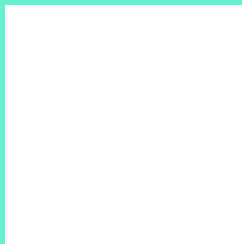
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# HunterLab 82.7462, -41.0298, 8.4296 Background



This preview shows how black text looks on a background with the HunterLab color 82.7462, -41.0298, 8.4296.



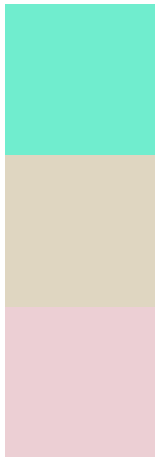
This preview shows how white text looks on a background with the HunterLab color 82.7462, -41.0298, 8.4296.

-41.0298, 8.4296.

# 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

82.7462, -41.0298, 8.4296

### Protanopia

82.2383, -4.7787, 14.2176

### Deuteranopia

81.9829, 6.3021, 5.5816



## Tritanopia

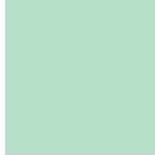
82.7206, -27.6343, -13.7487

# Trichromacy



## Original Color

82.7462, -41.0298, 8.4296



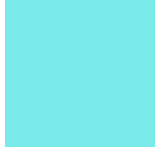
## Protanomaly

81.4782, -20.2484, 10.9750



## Deuteranomaly

81.1618, -14.0549, 5.2238



## Tritanomaly

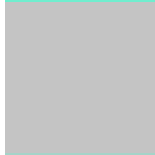
82.5990, -32.7531, -5.0124

# Monochromacy



## Original Color

82.7462, -41.0298, 8.4296



## Achromatopsia

74.2975, -3.9643, 4.0367



## Achromatomaly

76.6538, -19.4890, 4.6269

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 82.7462, -41.0298, 8.4296 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(112, 237, 206)` looks like.

```
.text, #text, p{  
    color:rgb(112, 237, 206)  
}
```

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(112, 237, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 237, 206) }
```

## Border

The CSS property to change the border of an element to HunterLab 82.7462, -41.0298, 8.4296 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(112, 237, 206) }
```



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

```
.border{ border-color:rgb(112, 237, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 237, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 237, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 237, 206);  
box-shadow:4px 4px 4px 4px rgb(112, 237,  
206) }
```

# Background

The CSS property to change the background color of an element to HunterLab 82.7462, -41.0298, 8.4296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 237, 206) }
```

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

```
.background{ background-color: rgb(112,  
237, 206) }
```

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