

Converting Colors

HunterLab(83.7059, -40.5111,
6.6876)

Have a look what the booklet for
HunterLab(83.7059, -40.5111,
6.6876) contains.

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Color

**HunterLab(83.7042,
-40.5187, 6.7489)**

Conversions

Conversions Part 1

Format	Color
Hex	72EFD4
RGB	114, 239, 212
RGB Percent	45%, 94%, 83%
CMY	0.5529, 0.0627, 0.1686
CMYK	0.52, 0.00, 0.11, 0.06
HSL	167°, 80%, 69%
HSV	167°, 52%, 94%
XYZ	49.6897, 70.0639, 73.1922
YIQ	198.5470, -65.8330, -34.8970

Conversions

Conversions Part 2

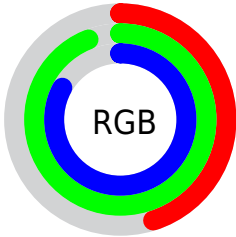
Format	Color
RYB	114, 184, 239
Decimal	7532500
CIELab	87.03, -41.30, 2.44
CIELCh	87, 41.369, 176.623
Yxy	70.0667, 0.2575, 0.3631
Android (android.graphics.Color)	4285722580 (0xFF72EFD4)
YUV	198.5470, 6.6323, -74.1477
Hunter-Lab	83.7042, -40.5187, 6.7489

Details

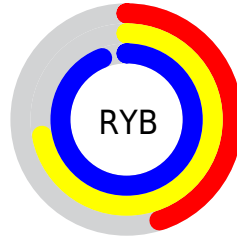
The HunterLab color **83.7042, -40.5187, 6.7489** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **56.8422, 46.3102, 9.5494**, and the grayscale version is **75.3745, -4.0218, 4.0952**.

A 20% lighter version of the original color is **93.6689, -28.1135, -2.6581**, and **60.4306, -34.7658, 5.3322** is the 20% darker color. If you saturate the color by 10%, you get **82.7112, -44.7440, 7.9413**, and if you desaturate by 10%, it is **84.9405, -35.4206, 5.8195**.

Distribution



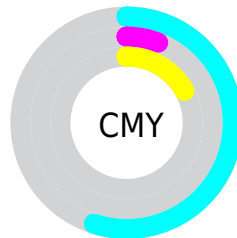
- Red (45%)
- Green (94%)
- Blue (83%)



- Red (45%)
- Yellow (72%)
- Blue (94%)



- Cyan (52%)
- Magenta (0%)
- Yellow (11%)
- Black (6%)





- Cyan (55%)
- Magenta (6%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.7042, -40.5187, 6.7489 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 83.7042, -40.5187, 6.7489 by changing the saturation by 10% instead.


 83.7042, -40.5187,
6.7489


 83.7042, -40.5187,
6.7489


214.6588,
-63.0469, 14.7063


 71.8199, -37.7388,
5.9907


 109.2263,
-45.8435, 8.3479

 60.5567, -34.8542,
5.2589


 122.8104,
-48.4137, 9.1852

 49.9529, -31.8389,
4.5555


 136.9152,
-50.9358, 10.0472

 40.0525, -28.6554,
3.8809

151.5221,
-53.4174, 10.9332

 30.9094, -25.2484,
3.2359

166.6144,
-55.8646, 11.8426

 22.5925, -21.5326,
2.6203

182.1770,

 15.1938, -17.3814,

-58.2825, 12.7750

2.0331

198.1960,
-60.6754, 13.7297

■ 8.8217, -15.4379,
1.6253

0.0000, NaN, NaN

■ 83.7042, -40.5187,
6.7489

■ 83.7042, -40.5187,
6.7489

■ 82.7112, -44.7440,
7.9413

■ 84.9405, -35.4206,
5.8195

■ 81.9449, -48.1021,
9.3683


■ 86.4222, -29.4660,
5.1679


■ 81.3898, -50.6328,
10.9982

■ 88.1538, -22.6951,
4.8054


■ 81.0216, -52.4132,
12.7899


■ 90.1348, -15.1640,
4.7358

 80.8328, -53.3972,
14.2354

 92.3616, -6.9395,
4.9567

 94.5861, 1.0780,
5.1606

 94.7531, 1.9817,
2.7793

 94.9246, 2.9073,
0.3403

 94.9818, 3.2159,
-0.4729

Harmonies

Analogous

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



83.7058, -35.1014, 22.7790



83.7042, -40.5187, 6.7489



83.7058, -37.0779, -14.1887

Triad

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



83.7058, -40.5194, 6.7499



83.7058, 14.0666, -36.7088



83.7058, 18.5012, 30.3495

Complementary

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



83.7042, -40.5187, 6.7489



56.8422, 46.3102, 9.5494

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.



83.7058, 34.0455, 19.7702



83.7042, -40.5187, 6.7489



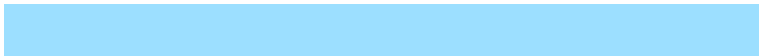
83.7058, 31.3159, -18.9884

Square

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



83.7058, -40.5194, 6.7499



83.7058, -6.7959, -42.5725



83.7058, 38.9462, 2.3017



83.7058, -2.1201, 34.1617

Rectangle

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



83.7042, -40.5187, 6.7489



83.7058, -30.0214, -27.7920



83.7058, 38.9462, 2.3017



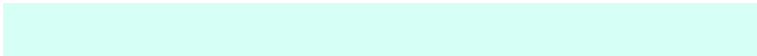
83.7058, 24.5675, 27.6146

Sweetspot

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



83.7058, -40.5194, 6.7499



96.1829, -19.4574, 5.0885



82.8377, -48.2047, 38.8051



44.2943, -9.7784, 2.3607

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.7058, -40.5194, 6.7499



88.9389, -48.5304, 8.6786



72.6635, -19.0357, -22.1927



42.2695, -6.0139, 2.2216



60.1056, -39.5916, 10.3402



17.3775, -11.1682, 2.3886

Inverse Universe

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



56.8422, 46.3102, 9.5494



55.6005, 60.7789, 13.1579



64.1832, 25.2040, 25.2835



39.7677, 1.8309, 2.3494



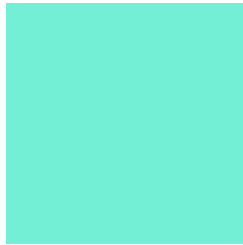
32.0810, 55.4101, 17.0837



9.3299, 16.2654, 3.7992

Previews

White Background



This preview shows how the HunterLab color 83.7042, -40.5187, 6.7489 looks on a white background.

Color Contrast Check

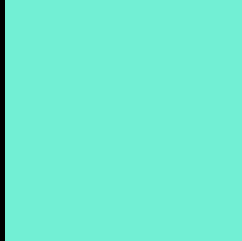
Large Text (above 18pt) WCAG AA × Fail

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 83.7042, -40.5187, 6.7489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

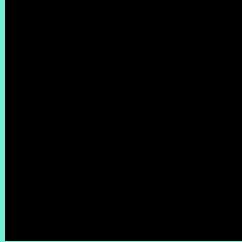
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

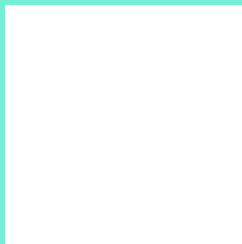
Any Text WCAG AAA ✓ Pass

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

HunterLab 83.7042, -40.5187, 6.7489 Background



This preview shows how black text looks on a background with the HunterLab color 83.7042, -40.5187, 6.7489.



This preview shows how white text looks on a background with the HunterLab color 83.7042, -40.5187, 6.7489.

-40.5187, 6.7489.

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

83.7042, -40.5187, 6.7489

Protanopia

83.1159, -4.5590, 12.5920

Deuteranopia

83.0590, 5.7128, 3.9325



Tritanopia

83.5572, -27.7439, -14.3466

Trichromacy



Original Color

83.7042, -40.5187, 6.7489



Protanomaly

82.3780, -19.9540, 9.2957



Deuteranomaly

82.3876, -14.2062, 3.7658



Tritanomaly

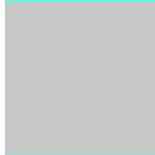
83.4678, -32.6817, -6.0522

Monochromacy



Original Color

83.7042, -40.5187, 6.7489



Achromatopsia

75.5728, -4.0324, 4.1060



Achromatomaly

77.9600, -19.4431, 4.2523

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.7042, -40.5187, 6.7489 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(114, 239, 212)` looks like.

```
.text, #text, p{  
    color:rgb(114, 239, 212)  
}
```

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(114, 239, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 239, 212) }
```

Border

The CSS property to change the border of an element to HunterLab 83.7042, -40.5187, 6.7489 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(114, 239, 212) }
```


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

```
.border{ border-color:rgb(114, 239, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 239, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 239, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 239, 212);  
box-shadow:4px 4px 4px 4px rgb(114, 239,  
212) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.7042, -40.5187, 6.7489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 239, 212) }
```

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

```
.background{ background-color: rgb(114,  
239, 212) }
```

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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