

Converting Colors

HunterLab(83.4318, -46.6479,
9.4934)

Have a look what the booklet for
HunterLab(83.4318, -46.6479,
9.4934) contains.

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Color

**HunterLab(83.5723,
-46.8952, 9.7000)**

Conversions

Conversions Part 1

Format	Color
Hex	55F2CD
RGB	85, 242, 205
RGB Percent	33%, 95%, 80%
CMY	0.6666, 0.0510, 0.1961
CMYK	0.65, 0.00, 0.15, 0.05
HSL	166°, 86%, 64%
HSV	166°, 65%, 95%
XYZ	46.5179, 69.8433, 68.7870
YIQ	190.8390, -81.6950, -44.7910

Conversions

Conversions Part 2

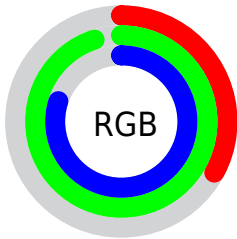
Format	Color
RYB	85, 174, 242
Decimal	5632717
CIELab	86.92, -49.59, 5.84
CIELCh	87, 49.932, 173.286
Yxy	69.8460, 0.2512, 0.3772
Android (android.graphics.Color)	4283822797 (0xFF55F2CD)
YUV	190.8390, 6.9814, -92.8208
Hunter-Lab	83.5723, -46.8952, 9.7000

Details

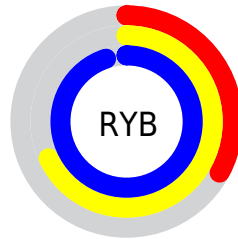
The HunterLab color **83.5723, -46.8952, 9.7000** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **51.7505, 59.0700, 11.8248**, and the grayscale version is **72.1100, -3.8476, 3.9179**.

A 20% lighter version of the original color is **92.3169, -33.1901, -4.4571**, and **60.7719, -38.9863, 8.2007** is the 20% darker color. If you saturate the color by 10%, you get **82.8432, -50.1499, 11.3688**, and if you desaturate by 10%, it is **84.5336, -42.7634, 8.2516**.

Distribution



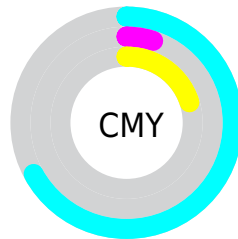
- Red (33%)
- Green (95%)
- Blue (80%)



- Red (33%)
- Yellow (68%)
- Blue (95%)



- Cyan (65%)
- Magenta (0%)
- Yellow (15%)
- Black (5%)





- Cyan (67%)
- Magenta (5%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.5723, -46.8952, 9.7000 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 83.5723, -46.8952, 9.7000 by changing the saturation by 10% instead.


 83.5723, -46.8952,
9.7000


 83.5723, -46.8952,
9.7000


214.4782,
-72.7504, 18.8380


 71.6945, -43.6465,
8.7801


 109.0821,
-53.0785, 11.5983


 60.4383, -40.2603,
7.8770


 122.6605,
-56.0459, 12.5755

 49.8419, -36.7034,
6.9904


 136.7598,
-58.9474, 13.5718

 39.9493, -32.9285,
6.1181

 151.3613,
-61.7927, 14.5872

 30.8147, -28.8668,
5.2567

166.4485,
-64.5896, 15.6217

 22.5072, -24.4131,
4.3998


182.0060,

 15.1192, -19.7298,


-67.3447, 16.6751


3.5355


198.0202,
-70.0634, 17.7473


 8.7535, -15.3185,
3.2411


0.0000, NaN, NaN


 83.5723, -46.8952,
9.7000


 83.5723, -46.8952,
9.7000


 82.8432, -50.1499,
11.3688


 84.5336, -42.7634,
8.2516


 82.3222, -52.5737,
13.2187


 85.7353, -37.7380,
7.0500


 81.9840, -54.2570,
15.2057


 87.1871, -31.8333,
6.1179


 81.8584, -54.9233,
16.2477


 88.8929, -25.0858,
5.4695

 90.8529, -17.5499,
5.1123

 93.0641, -9.2923,
5.0470

 95.5211, -0.3873,
5.2689

 95.7645, 0.8157,
2.7071

 95.9096, 1.6012,
0.6419

Harmonies

Analogous

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



83.5739, -39.4849, 27.4535



83.5723, -46.8952, 9.7000



83.5739, -44.0515, -15.5323

Triad

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



83.5739, -46.8958, 9.7009



83.5739, 15.3176, -49.0301



83.5739, 26.1278, 33.4427

Complementary

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



83.5723, -46.8952, 9.7000



51.7505, 59.0700, 11.8248

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.



83.5739, 44.2173, 20.6251



83.5723, -46.8952, 9.7000



83.5739, 37.4831, -27.5157

Square

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



83.5739, -46.8958, 9.7009



83.5739, -9.9883, -54.5010



83.5739, 48.5986, -0.9530



83.5739, 1.2080, 38.3184

Rectangle

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



83.5723, -46.8952, 9.7000



83.5739, -36.5384, -33.0899



83.5739, 48.5986, -0.9530



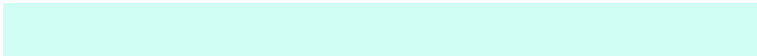
83.5739, 33.3220, 30.1390

Sweetspot

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



83.5739, -46.8958, 9.7009



95.5128, -22.0637, 5.5459



82.7446, -54.7548, 43.8692



43.9147, -11.2628, 2.6186

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.5739, -46.8958, 9.7009



87.7062, -54.1745, 12.7019



71.3713, -22.1773, -26.1969



42.2629, -6.0504, 2.3153



60.0151, -40.1421, 11.6415



17.3539, -11.3113, 2.7269

Inverse Universe

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



51.7505, 59.0700, 11.8248



50.0768, 73.1473, 16.9518



58.3209, 37.1947, 27.8499



39.7742, 1.8658, 2.2567



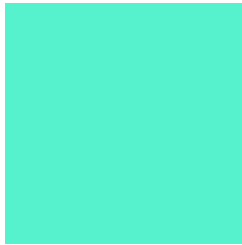
32.1208, 55.5570, 16.4982



9.3449, 16.3205, 3.5803

Previews

White Background



This preview shows how the HunterLab color 83.5723, -46.8952, 9.7000 looks on a white background.

Color Contrast Check

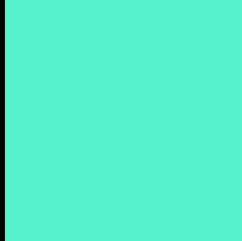
Large Text (above 18pt) WCAG AA × Fail

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 83.5723, -46.8952, 9.7000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

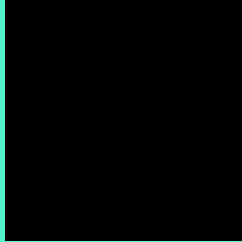
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

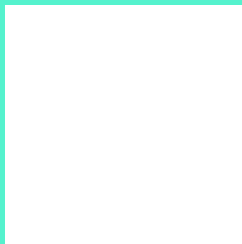
Any Text WCAG AAA ✓ Pass

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

HunterLab 83.5723, -46.8952, 9.7000 Background



This preview shows how black text looks on a background with the HunterLab color 83.5723, -46.8952, 9.7000.



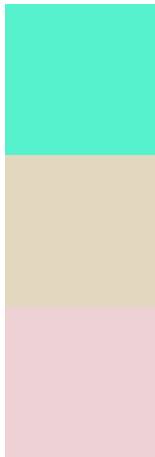
This preview shows how white text looks on a background with the HunterLab color 83.5723, -46.8952, 9.7000.

-46.8952, 9.7000.

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

83.5723, -46.8952, 9.7000

Protanopia

82.7836, -4.5691, 15.6290

Deuteranopia

82.7838, 5.9431, 6.5046



Tritanopia

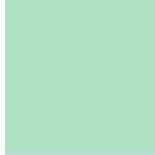
83.4485, -31.5072, -15.7515

Trichromacy



Original Color

83.5723, -46.8952, 9.7000



Protanomaly

81.8229, -24.1474, 12.1535



Deuteranomaly

81.4011, -18.2131, 5.9038



Tritanomaly

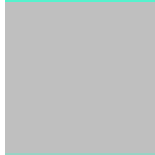
83.5475, -37.7764, -5.4958

Monochromacy



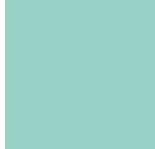
Original Color

83.5723, -46.8952, 9.7000



Achromatopsia

72.1800, -3.8513, 3.9217



Achromatomaly

75.3353, -22.9406, 4.9182

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.5723, -46.8952, 9.7000 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(85, 242, 205)` looks like.

```
.text, #text, p{  
    color:rgb(85, 242, 205)  
}
```

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(85, 242, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 242, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 83.5723, -46.8952, 9.7000 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(85, 242, 205) }
```


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

```
.border{ border-color:rgb(85, 242, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 242, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 242, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 242, 205);  
box-shadow:4px 4px 4px 4px rgb(85, 242,  
205) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.5723, -46.8952, 9.7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 242, 205) }
```

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

```
.background{ background-color: rgb(85, 242,  
205) }
```

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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