

Converting Colors

HunterLab(80.7754, -30.6459,
-3.9938)

Have a look what the booklet for
HunterLab(80.7754, -30.6459,
-3.9938) contains.

HunterLab(80.9126, -30.8236, -3.9340)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(80.9126,
-30.8236, -3.9340)**

Conversions

Conversions Part 1

Format	Color
Hex	7EE4E3
RGB	126, 228, 227
RGB Percent	49%, 89%, 89%
CMY	0.5059, 0.1059, 0.1098
CMYK	0.45, 0.00, 0.00, 0.11
HSL	179°, 65%, 69%
HSV	179°, 45%, 89%
XYZ	50.2127, 65.4685, 82.6633
YIQ	197.3880, -60.4710, -21.9350

Conversions

Conversions Part 2

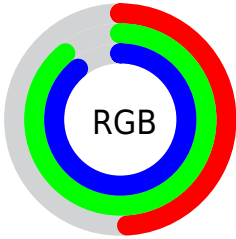
Format	Color
RYB	126, 177, 228
Decimal	8316131
CIELab	84.73, -29.96, -8.79
CIELCh	85, 31.221, 196.347
Yxy	65.4710, 0.2532, 0.3301
Android (android.graphics.Color)	4286506211 (0xFF7EE4E3)
YUV	197.3880, 14.5987, -62.6073
Hunter-Lab	80.9126, -30.8236, -3.9340

Details

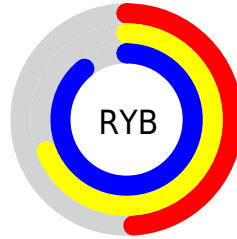
The HunterLab color $80.9126, -30.8236, -3.9340$ is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be $57.4020, 34.1592, 15.2275$, and the grayscale version is $74.8470, -3.9937, 4.0666$.

A 20% lighter version of the original color is $94.3029, -25.7605, -1.8237$, and $58.0016, -26.2712, -4.6163$ is the 20% darker color. If you saturate the color by 10%, you get $79.9490, -34.5377, -5.1154$, and if you desaturate by 10%, it is $82.1089, -26.2985, -2.4598$.

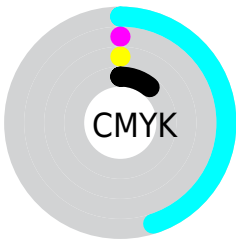
Distribution



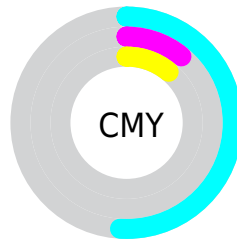
- Red (49%)
- Green (89%)
- Blue (89%)



- Red (49%)
- Yellow (69%)
- Blue (89%)



- Cyan (45%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (51%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.9126, -30.8236, -3.9340 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 80.9126, -30.8236, -3.9340 by changing the saturation by 10% instead.

80.9126, -30.8236,
-3.9340

80.9126, -30.8236,
-3.9340

210.8276,
-48.9579, 0.2707

69.1687, -28.6518,
-4.1910

106.1729,
-35.0261, -3.2732

58.0540, -26.4142,
-4.3961

119.6342,
-37.0740, -2.8779

47.6081, -24.0925,
-4.5432

133.6208,
-39.0956, -2.4425

37.8768, -21.6594,
-4.6261

148.1135,
-41.0959, -1.9691

28.9173, -19.0745,
-4.6372

163.0954,
-43.0792, -1.4595

20.8027, -16.2728,
-4.5669

178.5509,

13.6323, -13.1439,

-45.0488, -0.9153

-4.4039

194.4659,
-47.0076, -0.3382

■ 7.2331, -12.6580,
-4.7823

0.0000, NaN, NaN

■ 80.9126, -30.8236,
-3.9340

■ 80.9126, -30.8236,
-3.9340

■ 79.9490, -34.5377,
-5.1154

■ 82.1089, -26.2985,
-2.4598

■ 79.2045, -37.4399,
-6.0093

■ 83.5380, -20.9809,
-0.7016

■ 78.6675, -39.5566,
-6.6251

■ 85.2029, -14.9096,
1.3298

■ 78.3196, -40.9422,
-6.9832

■ 87.1022, -8.1358,
3.6180

■ 78.1355, -41.6856,
-7.1158

■ 89.2320, -0.7201,
6.1431

■ 78.0813, -41.9085,
-7.1266

■ 90.7577, 4.4874,
7.8886

■ 90.7646, 4.5244,
7.7903

■ 90.7715, 4.5614,
7.6919

■ 90.7784, 4.5984,
7.5934

Harmonies

Analogous

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



80.9142, -31.1363, 10.7761



80.9126, -30.8236, -3.9340



80.9142, -23.7671, -18.7458

Triad

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



80.9142, -30.8242, -3.9328



80.9142, 18.2404, -17.5561



80.9142, 2.7882, 27.2767

Complementary

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



80.9126, -30.8236, -3.9340



57.4020, 34.1592, 15.2275

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.



80.9142, 17.1533, 22.2517



80.9126, -30.8236, -3.9340



80.9142, 26.5149, -2.5317

Square

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



80.9142, -30.8242, -3.9328



80.9142, 4.1835, -27.5611



80.9142, 26.1028, 11.9392



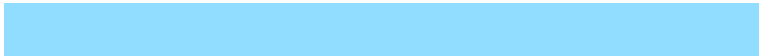
80.9142, -12.4895, 27.0426

Rectangle

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



80.9126, -30.8236, -3.9340



80.9142, -15.8639, -25.8843



80.9142, 26.1028, 11.9392



80.9142, 7.9061, 26.1938

Sweetspot

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



80.9142, -30.8242, -3.9328



97.0695, -15.7069, 1.9203



78.4613, -45.4690, 32.6346



44.6994, -8.0215, 0.6345

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.9142, -30.8242, -3.9328



90.8052, -39.0588, -5.7598



64.9302, -7.3205, -27.1440



40.4152, -5.3553, 1.1755



59.3332, -31.8397, -5.4287



16.1316, -8.6406, -1.5105

Inverse Universe

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



57.4020, 34.1592, 15.2275



59.4779, 48.8063, 20.2155



69.8424, 8.5067, 26.4278



37.9082, 1.3854, 3.1534



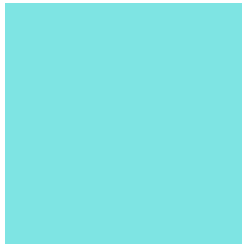
30.8676, 52.8741, 19.8494



8.3959, 14.3913, 5.3238

Previews

White Background



This preview shows how the HunterLab color 80.9126, -30.8236, -3.9340 looks on a white background.

Color Contrast Check

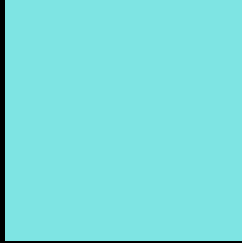
Large Text (above 18pt) WCAG AA × Fail

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 80.9126, -30.8236, -3.9340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

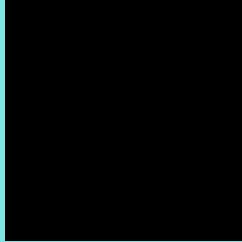
Any Text WCAG AA ✓ Pass

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 80.9126, -30.8236, -3.9340 Background



This preview shows how black text looks on a background with the HunterLab color 80.9126, -30.8236, -3.9340.



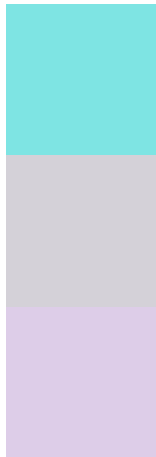
This preview shows how white text looks on a background with the HunterLab color 80.9126, -30.8236, -3.9340.

-30.8236, -3.9340.

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

80.9126, -30.8236, -3.9340

Protanopia

80.3467, -2.0962, 1.5325

Deuteranopia

80.5363, 5.8211, -6.4756



Tritanopia

80.7511, -25.0104, -13.5208

Trichromacy



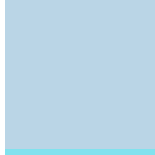
Original Color

80.9126, -30.8236, -3.9340



Protanomaly

80.0642, -14.0806, -1.0527



Deuteranomaly

79.8378, -9.3100, -6.5628



Tritanomaly

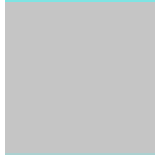
80.7669, -27.1210, -10.0862

Monochromacy



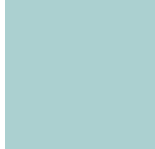
Original Color

80.9126, -30.8236, -3.9340



Achromatopsia

74.7222, -3.9870, 4.0598



Achromatomaly

76.3700, -15.0628, 0.4667

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.9126, -30.8236, -3.9340 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(126, 228, 227)` looks like.

```
.text, #text, p{  
    color:rgb(126, 228, 227)  
}
```

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(126, 228, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 228, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 80.9126, -30.8236, -3.9340 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(126, 228, 227) }
```


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

```
.border{ border-color:rgb(126, 228, 227) }
```

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

Here you see how a box with a 4 pixel rgb(126, 228, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 228, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 228, 227);  
box-shadow:4px 4px 4px 4px rgb(126, 228,  
227) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.9126, -30.8236, -3.9340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 228, 227) }
```

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

```
.background{ background-color: rgb(126,  
228, 227) }
```

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