

Converting Colors

HunterLab(80.1899, -41.9260,
0.7291)

Have a look what the booklet for
HunterLab(80.1899, -41.9260,
0.7291) contains.

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Color

**HunterLab(80.1043,
-41.7945, 0.5431)**

Conversions

Conversions Part 1

Format	Color
Hex	4BE8D8
RGB	75, 232, 216
RGB Percent	29%, 91%, 85%
CMY	0.7059, 0.0902, 0.1529
CMYK	0.68, 0.00, 0.07, 0.09
HSL	174°, 77%, 60%
HSV	174°, 68%, 91%
XYZ	44.1530, 64.1670, 75.0242
YIQ	183.2330, -88.4360, -38.2600

Conversions

Conversions Part 2

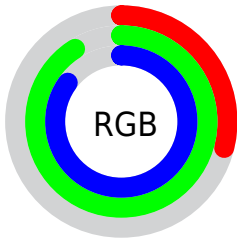
Format	Color
RYB	75, 158, 232
Decimal	4974808
CIELab	84.05, -44.02, -4.14
CIELCh	84, 44.219, 185.376
Yxy	64.1694, 0.2408, 0.3500
Android (android.graphics.Color)	4283164888 (0xFF4BE8D8)
YUV	183.2330, 16.1541, -94.9203
Hunter-Lab	80.1043, -41.7945, 0.5431

Details

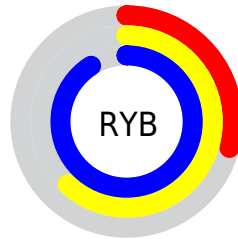
The HunterLab color **80.1043, -41.7945, 0.5431** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light muted cyan. A complement of this color would be **47.9011, 56.6045, 18.2539**, and the grayscale version is **68.8743, -3.6750, 3.7421**.

A 20% lighter version of the original color is **91.9189, -34.6999, -4.9919**, and **57.9861, -33.8807, 0.6612** is the 20% darker color. If you saturate the color by 10%, you get **79.5467, -44.1631, 1.0063**, and if you desaturate by 10%, it is **80.8732, -38.6302, 0.3450**.

Distribution



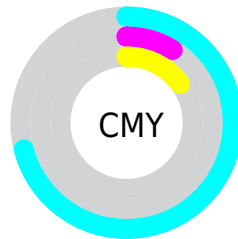
- Red (29%)
- Green (91%)
- Blue (85%)



- Red (29%)
- Yellow (62%)
- Blue (91%)



- Cyan (68%)
- Magenta (0%)
- Yellow (7%)
- Black (9%)





- Cyan (71%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 80.1043, -41.7945, 0.5431 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 80.1043, -41.7945, 0.5431 by changing the saturation by 10% instead.


 80.1043, -41.7945,
0.5431


 80.1043, -41.7945,
0.5431


209.7144,
-65.5361, 6.2148


 68.4017, -38.8302,
0.0932


 105.2877,
-47.4457, 1.5673


 57.3307, -35.7432,
-0.3133


 118.7130,
-50.1632, 2.1348

 46.9312, -32.5021,
-0.6714


 132.6649,
-52.8242, 2.7368

 37.2499, -29.0613,
-0.9761

 147.1242,
-55.4373, 3.3718

 28.3446, -25.3536,
-1.2211

162.0737,
-58.0096, 4.0383

 20.2899, -21.2732,
-1.3973

177.4978,

 13.1876, -17.6087,

-60.5471, 4.7351

-1.4919

193.3824,
-63.0545, 5.4609

■ 6.6992, -11.7236,
-2.1989

0.0000, NaN, NaN

■ 80.1043, -41.7945,
0.5431

■ 80.1043, -41.7945,
0.5431

■ 79.5467, -44.1631,
1.0063

■ 80.8732, -38.6302,
0.3450

■ 79.1755, -45.7956,
1.7020


■ 81.8633, -34.6397,
0.4293


■ 78.9614, -46.8034,
2.5874


■ 83.0858, -29.8211,
0.8087


■ 78.9221, -46.9961,
2.8054


■ 84.5462, -24.1951,
1.4874

 86.2466, -17.8007,
2.4626

 88.1856, -10.6912,
3.7255

 90.3595, -2.9296,
5.2627

 92.1785, 3.4443,
6.3451

 92.2531, 3.8459,
5.2805

Harmonies

Analogous

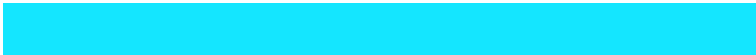
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.1058, -38.8492, 19.2231



80.1043, -41.7945, 0.5431



80.1058, -35.5942, -22.2483

Triad

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



80.1058, -41.7949, 0.5441



80.1058, 21.3889, -35.3137



80.1058, 13.8942, 32.7418

Complementary

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



80.1043, -41.7945, 0.5431



47.9011, 56.6045, 18.2539

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.



80.1058, 32.7364, 24.1358



80.1043, -41.7945, 0.5431



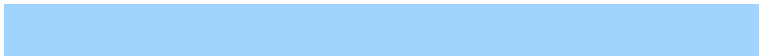
80.1058, 37.3765, -14.0416

Square

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



80.1058, -41.7949, 0.5441



80.1058, -0.3239, -46.1956



80.1058, 41.7351, 7.9977



80.1058, -8.1579, 34.7082

Rectangle

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



80.1043, -41.7945, 0.5431



80.1058, -26.6742, -35.7523



80.1058, 41.7351, 7.9977



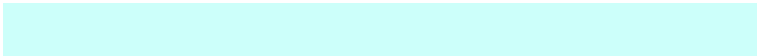
80.1058, 20.8847, 30.6676

Sweetspot

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



80.1058, -41.7949, 0.5441



95.5233, -21.6237, 2.4472



77.8251, -56.6633, 41.8912



43.9420, -10.9473, 0.9853

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.1058, -41.7949, 0.5441



88.3724, -49.9342, 1.3822



60.6300, -11.3412, -37.4980



40.3853, -5.5211, 1.6004



58.8124, -34.9600, 1.9583



16.0105, -9.3653, 0.2054

Inverse Universe

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



47.9011, 56.6045, 18.2539



48.8332, 73.2012, 24.4367



59.1992, 26.7825, 30.2789



37.9364, 1.5378, 2.7491



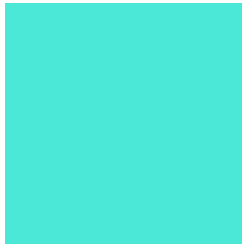
30.9331, 53.1171, 18.8778



8.4569, 14.6175, 4.4205

Previews

White Background



This preview shows how the HunterLab color 80.1043, -41.7945, 0.5431 looks on a white background.

Color Contrast Check

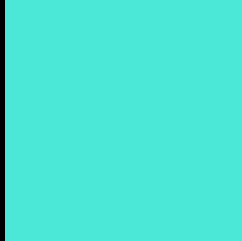
Large Text (above 18pt) WCAG AA × Fail

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 80.1043, -41.7945, 0.5431 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

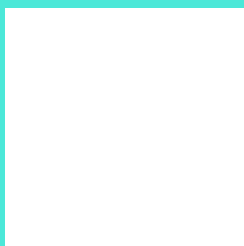
Any Text WCAG AAA ✓ Pass

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

HunterLab 80.1043, -41.7945, 0.5431 Background



This preview shows how black text looks on a background with the HunterLab color 80.1043, -41.7945, 0.5431.



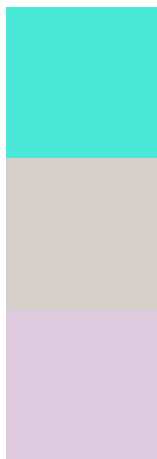
This preview shows how white text looks on a background with the HunterLab color 80.1043,

-41.7945, 0.5431.

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

80.1043, -41.7945, 0.5431

Protanopia

79.3952, -3.1160, 7.1411

Deuteranopia

79.3353, 5.7414, -3.1864



Tritanopia

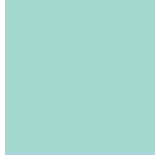
80.1962, -32.1823, -15.6066

Trichromacy



Original Color

80.1043, -41.7945, 0.5431



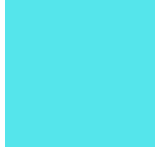
Protanomaly

78.3602, -21.1317, 3.2500



Deuteranomaly

78.1541, -16.0379, -3.4895



Tritanomaly

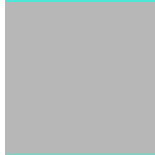
79.9800, -35.6035, -9.6049

Monochromacy



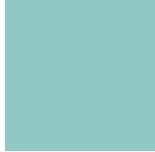
Original Color

80.1043, -41.7945, 0.5431



Achromatopsia

68.8136, -3.6717, 3.7388



Achromatomaly

71.8629, -20.8437, 1.3198

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.1043, -41.7945, 0.5431 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(75, 232, 216)` looks like.

```
.text, #text, p{  
    color:rgb(75, 232, 216)  
}
```

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(75, 232, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 232, 216) }
```

Border

The CSS property to change the border of an element to HunterLab 80.1043, -41.7945, 0.5431 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(75, 232, 216) }
```


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

```
.border{ border-color:rgb(75, 232, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 232, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 232, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 232, 216);  
box-shadow:4px 4px 4px 4px rgb(75, 232,  
216) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.1043, -41.7945, 0.5431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 232, 216) }
```

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

```
.background{ background-color: rgb(75, 232,  
216) }
```

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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