

Converting Colors

HunterLab(83.6698, -43.7311,
0.2474)

Have a look what the booklet for
HunterLab(83.6698, -43.7311,
0.2474) contains.

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Color

**HunterLab(83.6209,
-43.6470, 0.2554)**

Conversions

Conversions Part 1

Format	Color
Hex	4DF1E1
RGB	77, 241, 225
RGB Percent	30%, 95%, 88%
CMY	0.6980, 0.0549, 0.1176
CMYK	0.68, 0.00, 0.07, 0.05
HSL	174°, 85%, 62%
HSV	174°, 68%, 95%
XYZ	48.1064, 69.9245, 82.1953
YIQ	190.1400, -92.6080, -39.7440

Conversions

Conversions Part 2

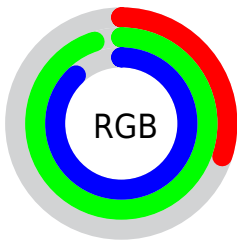
Format	Color
RYB	77, 163, 241
Decimal	5108193
CIELab	86.96, -45.33, -4.59
CIELCh	87, 45.558, 185.781
Yxy	69.9272, 0.2403, 0.3492
Android (android.graphics.Color)	4283298273 (0xFF4DF1E1)
YUV	190.1400, 17.1860, -99.2238
Hunter-Lab	83.6209, -43.6470, 0.2554

Details

The HunterLab color **83.6209, -43.6470, 0.2554** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **49.8005, 59.4745, 19.3958**, and the grayscale version is **71.7767, -3.8298, 3.8998**.

A 20% lighter version of the original color is **92.0651, -34.1445, -4.7952**, and **60.9781, -35.2971, -0.0209** is the 20% darker color. If you saturate the color by 10%, you get **83.0518, -46.0622, 0.7080**, and if you desaturate by 10%, it is **84.4105, -40.4005, 0.0808**.

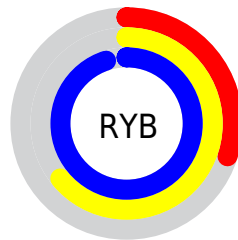
Distribution



Red (30%)

Green (95%)

Blue (88%)



Red (30%)

Yellow (64%)

Blue (95%)

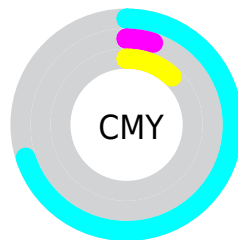


Cyan (68%)

Magenta (0%)

Yellow (7%)

Black (5%)



Cyan (70%)


Magenta (5%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.6209, -43.6470, 0.2554 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 83.6209, -43.6470, 0.2554 by changing the saturation by 10% instead.


 83.6209, -43.6470,
0.2554


 83.6209, -43.6470,
0.2554


214.5447,
-67.7840, 5.8680


 71.7407, -40.6402,
-0.1876


 109.1352,
-49.3865, 1.2660


 60.4819, -37.5133,
-0.5873


 122.7157,
-52.1487, 1.8268

 49.8828, -34.2364,
-0.9388


 136.8170,
-54.8543, 2.4221

 39.9873, -30.7671,
-1.2373

 151.4205,
-57.5118, 3.0505

 30.8496, -27.0437,
-1.4765

166.5096,
-60.1282, 3.7105

 22.5386, -22.9709,
-1.6482

182.0690,

 15.1467, -18.5141,

-62.7093, 4.4009

-1.7405

198.0849,
-65.2598, 5.1204

■ 8.7786, -15.3626,
-1.7801

0.0000, NaN, NaN

■ 83.6209, -43.6470,
0.2554

■ 83.6209, -43.6470,
0.2554

■ 83.0518, -46.0622,
0.7080

■ 84.4105, -40.4005,
0.0808

■ 82.6767, -47.7111,
1.4040


■ 85.4313, -36.2889,
0.2023


■ 82.4635, -48.7157,
2.2971


■ 86.6954, -31.3087,
0.6337


■ 82.4305, -48.8773,
2.4811

■ 88.2087, -25.4801,
1.3790

 89.9736, -18.8432,
2.4354

 91.9889, -11.4533,
3.7934

 94.2507, -3.3760,
5.4390

 95.2330, 0.1547,
5.4914

 95.3083, 0.5633,
4.4162

Harmonies

Analogous

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



83.6225, -40.6985, 19.8701



83.6209, -43.6470, 0.2554



83.6225, -37.0418, -23.5780

Triad

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



83.6225, -43.6474, 0.2565



83.6225, 22.6434, -36.6738



83.6225, 14.2228, 34.2769

Complementary

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



83.6209, -43.6470, 0.2554



49.8005, 59.4745, 19.3958

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.



83.6225, 34.0129, 25.3888



83.6209, -43.6470, 0.2554



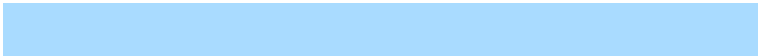
83.6225, 39.2264, -14.3566

Square

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



83.6225, -43.6474, 0.2565



83.6225, -0.0201, -48.2565



83.6225, 43.5940, 8.6307



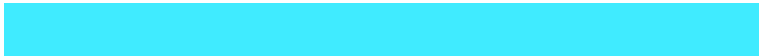
83.6225, -8.8217, 36.2435

Rectangle

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



83.6209, -43.6470, 0.2554



83.6225, -27.6458, -37.6251



83.6225, 43.5940, 8.6307



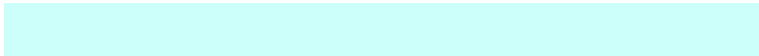
83.6225, 21.5500, 32.1423

Sweetspot

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



83.6225, -43.6474, 0.2565



95.5306, -21.5826, 2.3435



81.1155, -59.7569, 43.8037



43.9459, -10.9255, 0.9305

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.6225, -43.6474, 0.2565



88.3591, -49.9448, 1.0372



62.2473, -10.4367, -41.0943



42.3094, -5.7919, 1.6528



60.7097, -35.9366, 1.6949



17.5322, -10.2338, 0.1781

Inverse Universe

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



49.8005, 59.4745, 19.3958



48.5830, 73.7217, 24.8797



62.2610, 26.8805, 32.1479



39.7289, 1.6222, 2.9032



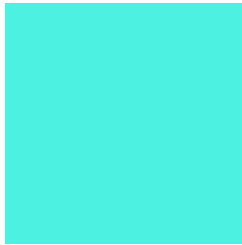
31.9130, 54.7880, 19.5674



9.2500, 15.9707, 4.9719

Previews

White Background



This preview shows how the HunterLab color 83.6209, -43.6470, 0.2554 looks on a white background.

Color Contrast Check

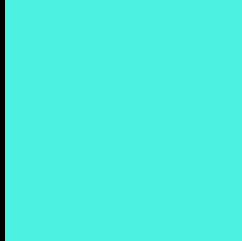
Large Text (above 18pt) WCAG AA × Fail

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 83.6209, -43.6470, 0.2554 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

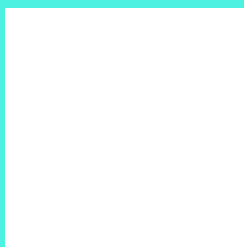
Any Text WCAG AAA ✓ Pass

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

HunterLab 83.6209, -43.6470, 0.2554 Background



This preview shows how black text looks on a background with the HunterLab color 83.6209, -43.6470, 0.2554.



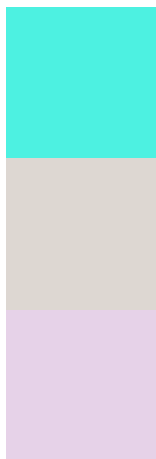
This preview shows how white text looks on a background with the HunterLab color 83.6209, -43.6470, 0.2554.

-43.6470, 0.2554.

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

83.6209, -43.6470, 0.2554

Protanopia

82.8409, -3.2934, 7.3498

Deuteranopia

82.9110, 6.1373, -3.3970



Tritanopia

83.5178, -32.9340, -16.2761

Trichromacy



Original Color

83.6209, -43.6470, 0.2554



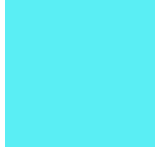
Protanomaly

81.6411, -21.9998, 3.2325



Deuteranomaly

81.4670, -16.6795, -4.0418



Tritanomaly

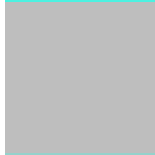
83.5789, -37.0856, -9.8635

Monochromacy



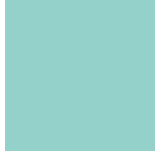
Original Color

83.6209, -43.6470, 0.2554



Achromatopsia

71.7578, -3.8288, 3.8987



Achromatomaly

75.0348, -21.9428, 1.2077

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.6209, -43.6470, 0.2554 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(77, 241, 225)` looks like.

```
.text, #text, p{  
    color:rgb(77, 241, 225)  
}
```

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(77, 241, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 241, 225) }
```

Border

The CSS property to change the border of an element to HunterLab 83.6209, -43.6470, 0.2554 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(77, 241, 225) }
```


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

```
.border{ border-color:rgb(77, 241, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 241, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 241, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 241, 225);  
box-shadow:4px 4px 4px 4px rgb(77, 241,  
225) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.6209, -43.6470, 0.2554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 241, 225) }
```

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

```
.background{ background-color: rgb(77, 241,  
225) }
```

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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