

Converting Colors

HunterLab(70.7314, -35.3237,
-7.5428)

Have a look what the booklet for
HunterLab(70.7314, -35.3237,
-7.5428) contains.

HunterLab(70.5762, -35.1180, -7.8014)	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(70.5762,
-35.1180, -7.8014)**

Conversions

Conversions Part 1

Format	Color
Hex	2ECFD1
RGB	46, 207, 209
RGB Percent	18%, 81%, 82%
CMY	0.8196, 0.1882, 0.1804
CMYK	0.78, 0.01, 0.00, 0.18
HSL	181°, 64%, 50%
HSV	181°, 78%, 82%
XYZ	34.9482, 49.8100, 68.0940
YIQ	159.0890, -96.5980, -33.5100

Conversions

Conversions Part 2

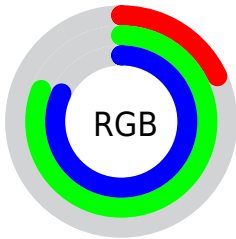
Format	Color
RYB	46, 127, 209
Decimal	3067857
CIELab	75.95, -38.14, -12.49
CIELCh	76, 40.135, 198.136
Yxy	49.8119, 0.2286, 0.3259
Android (android.graphics.Color)	4281257937 (0xFF2ECFD1)
YUV	159.0890, 24.6061, -99.1791
Hunter-Lab	70.5762, -35.1180, -7.8014

Details

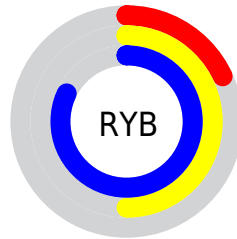
The HunterLab color **70.5762, -35.1180, -7.8014** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **39.8344, 55.0683, 21.6605**, and the grayscale version is **58.8514, -3.1402, 3.1975**.

A 20% lighter version of the original color is **90.9972, -38.2240, -6.2396**, and **49.8227, -25.7656, -6.6535** is the 20% darker color. If you saturate the color by 10%, you get **70.2245, -36.0529, -8.2891**, and if you desaturate by 10%, it is **71.0952, -33.5452, -7.0849**.

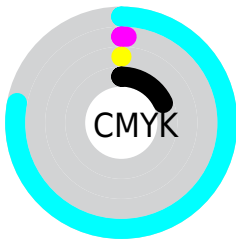
Distribution



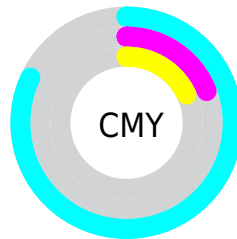
- Red (18%)
- Green (81%)
- Blue (82%)



- Red (18%)
- Yellow (50%)
- Blue (82%)



- Cyan (78%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)





- Cyan (82%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.5762, -35.1180, -7.8014 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 70.5762, -35.1180, -7.8014 by changing the saturation by 10% instead.


 70.5762, -35.1180,
-7.8014

 70.5762, -35.1180,
-7.8014


196.4509,
-56.7928, -5.0695


 59.3834, -32.4095,
-7.8617


 94.8135, -40.2716,
-7.5097


 48.8531, -29.5817,
-7.8605


 107.7966,
-42.7488, -7.2882

 39.0313, -26.5994,
-7.7909


 121.3235,
-45.1751, -7.0204

 29.9735, -23.4104,
-7.6464

 135.3732,
-47.5591, -6.7089

 21.7504, -19.9327,
-7.4204

 149.9269,
-49.9077, -6.3560

 14.4575, -16.0704,
-7.1111

164.9678,

 8.1185, -14.2074,

-52.2266, -5.9640

-7.0001

180.4804,
-54.5203, -5.5346

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 70.5762, -35.1180,
-7.8014

■ 70.5762, -35.1180,
-7.8014

■ 70.2245, -36.0529,
-8.2891

■ 71.0952, -33.5452,
-7.0849

■ 70.0071, -36.4557,
-8.5882

■ 71.7949, -31.2788,
-6.1238


■ 69.9699, -36.5111,
-8.6393


■ 72.6892, -28.2906,
-4.9075


■ 73.7864, -24.5748,
-3.4347

■ 75.0913, -20.1454,

-1.7108

 76.6054, -15.0328,
0.2531

 78.3278, -9.2796,
2.4418

 80.2551, -2.9374,
4.8369

 82.3822, 3.9372,
7.4187

Harmonies

Analogous

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



70.5775, -35.9569, 10.5918



70.5762, -35.1180, -7.8014



70.5775, -26.4417, -27.0920

Triad

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



70.5775, -35.1181, -7.8004



70.5775, 25.4147, -23.3722



70.5775, 3.8655, 30.0088

Complementary

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



70.5762, -35.1180, -7.8014



39.8344, 55.0683, 21.6605

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.



70.5775, 22.1835, 25.0586



70.5762, -35.1180, -7.8014



70.5775, 35.4731, -3.6489

Square

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



70.5775, -35.1181, -7.8004



70.5775, 7.9138, -37.5877



70.5775, 34.2320, 13.7863



70.5775, -14.7393, 29.4489

Rectangle

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



70.5762, -35.1180, -7.8014



70.5775, -16.8115, -36.4082



70.5775, 34.2320, 13.7863



70.5775, 10.2940, 29.0016

Sweetspot

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



70.5775, -35.1181, -7.8004



94.9025, -22.3104, -1.0180



68.1030, -55.1706, 38.7474



43.5950, -11.3747, -0.8764

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.5775, -35.1181, -7.8004



87.7401, -45.5553, -10.6632



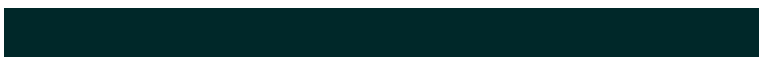
45.2712, 0.7816, -51.0926



36.5803, -4.7496, 0.9919



54.9517, -28.6814, -6.7699



13.0253, -6.8194, -1.5593

Inverse Universe

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



44.7389, 75.4556, -49.3449



53.5185, 103.1097, -67.3003



53.9102, 19.7016, 30.7199



34.6503, 2.7471, -1.2029



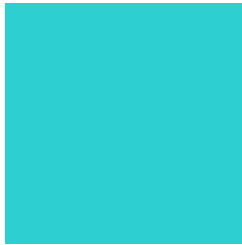
33.3462, 65.3885, -42.6544



7.8903, 15.4799, -10.1536

Previews

White Background



This preview shows how the HunterLab color 70.5762, -35.1180, -7.8014 looks on a white background.

Color Contrast Check

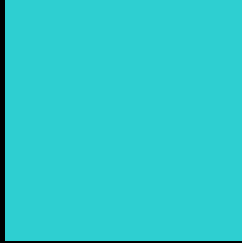
Large Text (above 18pt) WCAG AA × Fail

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 70.5762, -35.1180, -7.8014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

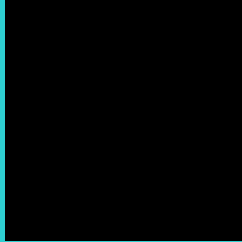
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

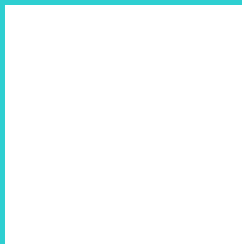
Any Text WCAG AAA ✓ Pass

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

HunterLab 70.5762, -35.1180, -7.8014 Background



This preview shows how black text looks on a background with the HunterLab color 70.5762, -35.1180, -7.8014.



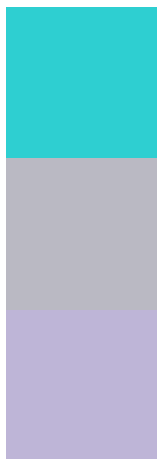
This preview shows how white text looks on a background with the HunterLab color 70.5762,

-35.1180, -7.8014.

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

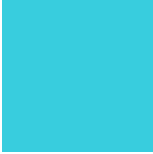
70.5762, -35.1180, -7.8014

Protanopia

70.0551, -1.6966, -0.5581

Deuteranopia

69.9294, 5.3157, -11.3254



Tritanopia

70.5530, -30.7504, -15.1389

Trichromacy



Original Color

70.5762, -35.1180, -7.8014



Protanomaly

68.8919, -18.2495, -4.8962



Deuteranomaly

68.5815, -13.5528, -12.3997



Tritanomaly

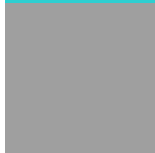
70.6275, -32.5837, -12.1580

Monochromacy



Original Color

70.5762, -35.1180, -7.8014



Achromatopsia

58.8816, -3.1418, 3.1991



Achromatomaly

61.7062, -18.5066, -2.2672

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.5762, -35.1180, -7.8014 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(46, 207, 209)` looks like.

```
.text, #text, p{  
    color:rgb(46, 207, 209)  
}
```

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(46, 207, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 207, 209) }
```

Border

The CSS property to change the border of an element to HunterLab 70.5762, -35.1180, -7.8014 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(46, 207, 209) }
```


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

```
.border{ border-color:rgb(46, 207, 209) }
```

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

Here you see how a box with a 4 pixel rgb(46, 207, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 207, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 207, 209);  
box-shadow:4px 4px 4px 4px rgb(46, 207,  
209) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.5762, -35.1180, -7.8014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 207, 209) }
```

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

```
.background{ background-color: rgb(46, 207,  
209) }
```

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