

Converting Colors

HunterLab(70.2170, -43.6291,
18.9849)

Have a look what the booklet for
HunterLab(70.2170, -43.6291,
18.9849) contains.

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Color

**HunterLab(70.2259,
-43.5753, 18.8560)**

Conversions

Conversions Part 1

Format	Color
Hex	4DD194
RGB	77, 209, 148
RGB Percent	30%, 82%, 58%
CMY	0.6980, 0.1804, 0.4196
CMYK	0.63, 0.00, 0.29, 0.18
HSL	152°, 59%, 56%
HSV	152°, 63%, 82%
XYZ	31.2063, 49.3168, 35.8913
YIQ	162.5780, -59.0910, -46.9550

Conversions

Conversions Part 2

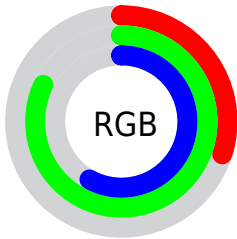
Format	Color
RYB	77, 163, 209
Decimal	5099924
CIELab	75.65, -50.10, 19.86
CIElCh	76, 53.891, 158.379
Yxy	49.3188, 0.2681, 0.4236
Android (android.graphics.Color)	4283290004 (0xFF4DD194)
YUV	162.5780, -7.1870, -75.0519
Hunter-Lab	70.2259, -43.5753, 18.8560

Details

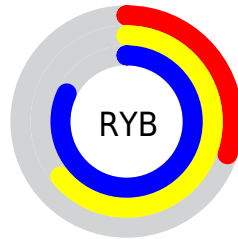
The HunterLab color **70.2259, -43.5753, 18.8560** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **45.4963, 51.9620, -2.3927**, and the grayscale version is **60.3930, -3.2224, 3.2813**.

A 20% lighter version of the original color is **90.1041, -44.9572, 17.9666**, and **48.6267, -35.3610, 15.5552** is the 20% darker color. If you saturate the color by 10%, you get **69.4920, -46.9911, 21.3718**, and if you desaturate by 10%, it is **71.1695, -39.3457, 16.3446**.

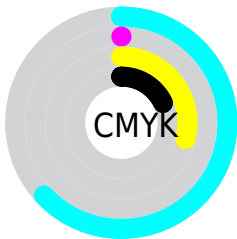
Distribution



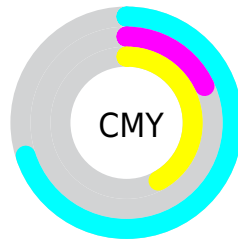
- Red (30%)
- Green (82%)
- Blue (58%)



- Red (30%)
- Yellow (64%)
- Blue (82%)



- Cyan (63%)
- Magenta (0%)
- Yellow (29%)
- Black (18%)



- Cyan (70%)
- Magenta (18%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.2259, -43.5753, 18.8560 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 70.2259, -43.5753, 18.8560 by changing the saturation by 10% instead.

■ 70.2259, -43.5753,
18.8560

■ 70.2259, -43.5753,
18.8560

195.9581,
-70.2886, 33.2357

■ 59.0529, -40.1388,
17.1783

■ 94.4271, -50.0488,
22.1257

■ 48.5434, -36.5232,
15.4556

■ 107.3932,
-53.1308, 23.7318

■ 38.7440, -32.6791,
13.6713

■ 120.9039,
-56.1322, 25.3262

■ 29.7104, -28.5333,
11.7996

■ 134.9380,
-59.0651, 26.9129

■ 21.5141, -23.9731,
9.8006

149.4766,
-61.9398, 28.4949

■ 14.2514, -19.6338,
7.9039

164.5028,

■ 7.9082, -13.8394,

-64.7642, 30.0748

5.5358

180.0013,
-67.5453, 31.6545

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.2259, -43.5753,
18.8560

■ 70.2259, -43.5753,
18.8560

■ 69.4920, -46.9911,
21.3718

■ 71.1695, -39.3457,
16.3446

■ 68.9494, -49.6158,
23.8528

■ 72.3274, -34.3046,
13.8710

■ 68.5791, -51.5109,
26.2606


■ 73.7061, -28.4809,
11.4685


■ 68.3972, -52.4960,
27.8333


■ 75.3067, -21.9220,
9.1657


■ 77.1275, -14.6885,

6.9864

 79.1643, -6.8496,
4.9496

 81.4107, 1.5219,
3.0690

 83.8592, 10.3532,
1.3536

 85.3562, 15.8901,
-1.6842

Harmonies

Analogous

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



70.2273, -31.5333, 31.3302



70.2259, -43.5753, 18.8560



70.2273, -45.7745, -3.2779

Triad

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



70.2273, -43.5760, 18.8566



70.2273, 3.4966, -59.2936



70.2273, 38.7085, 26.9540

Complementary

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



70.2259, -43.5753, 18.8560



45.4963, 51.9620, -2.3927

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.



70.2273, 51.2944, 10.2514



70.2259, -43.5753, 18.8560



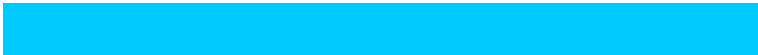
70.2273, 29.1597, -43.1288

Square

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



70.2273, -43.5760, 18.8566



70.2273, -20.8303, -54.4164



70.2273, 47.5721, -15.5071



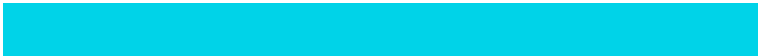
70.2273, 15.1348, 34.7177

Rectangle

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



70.2259, -43.5753, 18.8560



70.2273, -41.7096, -21.9913



70.2273, 47.5721, -15.5071



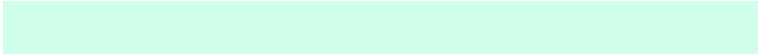
70.2273, 44.5065, 22.4890

Sweetspot

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



70.2273, -43.5760, 18.8566



95.1744, -23.9814, 10.3834



71.8285, -39.4121, 37.7745



43.7360, -12.2805, 5.1748

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.2273, -43.5760, 18.8566



86.7474, -60.1819, 27.9263



70.4661, -31.3466, -7.8843



36.4844, -5.5371, 2.9076



53.7246, -41.1041, 21.5810



12.7663, -9.3332, 4.1908

Inverse Universe

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



45.4963, 51.9620, -2.3927



51.8126, 76.3672, -0.1235



44.7623, 43.7210, 19.0471



34.4932, 1.9054, 1.0292



29.8407, 52.9356, 5.0767



7.1683, 12.9248, -0.3990

Previews

White Background



This preview shows how the HunterLab color 70.2259, -43.5753, 18.8560 looks on a white background.

Color Contrast Check

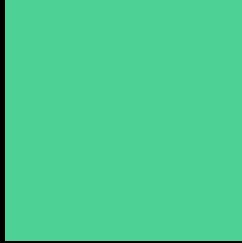
Large Text (above 18pt) WCAG AA × Fail

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 70.2259, -43.5753, 18.8560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

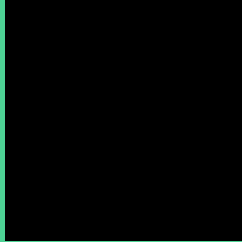
Any Text WCAG AA ✓ Pass

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 70.2259, -43.5753, 18.8560 Background



This preview shows how black text looks on a background with the HunterLab color 70.2259, -43.5753, 18.8560.



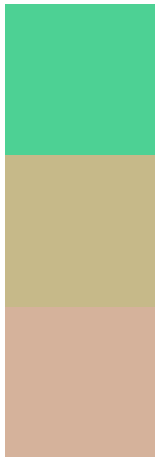
This preview shows how white text looks on a background with the HunterLab color 70.2259, -43.5753, 18.8560.

-43.5753, 18.8560.

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

70.2259, -43.5753, 18.8560

Protanopia

69.6490, -6.1653, 22.6626

Deuteranopia

69.5367, 4.8054, 16.4915



Tritanopia

70.0237, -24.6143, -12.2901

Trichromacy



Original Color

70.2259, -43.5753, 18.8560



Protanomaly

68.8307, -23.3964, 20.2972



Deuteranomaly

68.2310, -16.9182, 15.9343



Tritanomaly

69.8203, -32.2622, 0.6019

Monochromacy



Original Color

70.2259, -43.5753, 18.8560



Achromatopsia

60.5188, -3.2291, 3.2881



Achromatomaly

63.2587, -20.3829, 8.3046

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.2259, -43.5753, 18.8560 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, 209, 148)` looks like.

```
.text, #text, p{  
  color:rgb(77, 209, 148)  
}
```

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, 209, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 209, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 70.2259, -43.5753, 18.8560 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, 209, 148) }
```


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

```
.border{ border-color:rgb(77, 209, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 209, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 209, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 209, 148);  
box-shadow:4px 4px 4px 4px rgb(77, 209,  
148) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.2259, -43.5753, 18.8560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 209, 148) }
```

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

```
.background{ background-color: rgb(77, 209,  
148) }
```

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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