

Converting Colors

HunterLab(64.3840, -31.6248,
1.1231)

Have a look what the booklet for
HunterLab(64.3840, -31.6248,
1.1231) contains.

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Color

**HunterLab(64.4189,
-31.7379, 1.3350)**

Conversions

Conversions Part 1

Format	Color
Hex	4CBEB0
RGB	76, 190, 176
RGB Percent	30%, 75%, 69%
CMY	0.7019, 0.2549, 0.3098
CMYK	0.60, 0.00, 0.07, 0.25
HSL	173°, 47%, 52%
HSV	173°, 60%, 75%
XYZ	29.2304, 41.4979, 47.5435
YIQ	154.3180, -63.4500, -28.5220

Conversions

Conversions Part 2

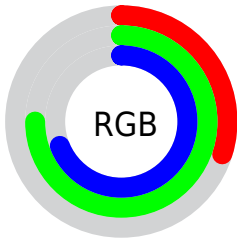
Format	Color
RYB	76, 137, 190
Decimal	5029552
CIELab	70.52, -35.45, -2.55
CIELCh	71, 35.542, 184.117
Yxy	41.4996, 0.2471, 0.3509
Android (android.graphics.Color)	4283219632 (0xFF4CBEB0)
YUV	154.3180, 10.6892, -68.6849
Hunter-Lab	64.4189, -31.7379, 1.3350

Details

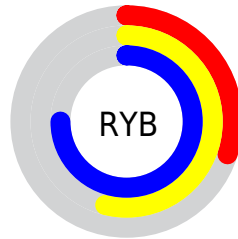
The HunterLab color **64.4189, -31.7379, 1.3350** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **41.0553, 39.7458, 12.0228**, and the grayscale version is **56.9526, -3.0388, 3.0943**.

A 20% lighter version of the original color is **88.0806, -36.6424, 2.2437**, and **43.6618, -25.5413, 0.5629** is the 20% darker color. If you saturate the color by 10%, you get **63.8289, -34.2103, 1.6929**, and if you desaturate by 10%, it is **65.1837, -28.6235, 1.1931**.

Distribution



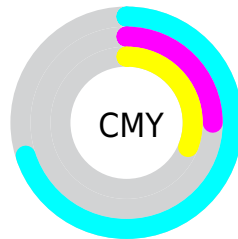
- Red (30%)
- Green (75%)
- Blue (69%)



- Red (30%)
- Yellow (54%)
- Blue (75%)



- Cyan (60%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)





- Cyan (70%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.4189, -31.7379, 1.3350 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 64.4189, -31.7379, 1.3350 by changing the saturation by 10% instead.


 64.4189, -31.7379,
1.3350

 64.4189, -31.7379,
1.3350


187.7243,
-52.5007, 7.1446


 53.5814, -29.1345,
0.8706


 88.0009, -36.6801,
2.3892


 43.4296, -26.4081,
0.4508


 100.6790,
-39.0525, 2.9721

 34.0148, -23.5195,
0.0811


 113.9134,
-41.3753, 3.5897

 25.4001, -20.4083,
-0.2326

 127.6818,
-43.6574, 4.2403

 17.6681, -16.9754,
-0.4817

141.9641,
-45.9058, 4.9223

 10.9341, -15.1836,
-0.6535

156.7424,

 2.4097, -4.2170,

-48.1262, 5.6344

-4.2583

172.0007,
-50.3232, 6.3755

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.4189, -31.7379,
1.3350

■ 64.4189, -31.7379,
1.3350

■ 63.8289, -34.2103,
1.6929

■ 65.1837, -28.6235,
1.1931

■ 63.3983, -36.0646,
2.2466

■ 66.1276, -24.8620,
1.2761

■ 63.1120, -37.3508,
2.9724

■ 67.2564, -20.4677,
1.5903

■ 62.9333, -38.2082,
3.8196


■ 68.5720, -15.4693,
2.1359

■ 62.9332, -38.2083,


■ 70.0739, -9.9067,


3.8197

2.9083

 71.7594, -3.8278,
3.8990

 73.6242, 2.7153,
5.0966

 75.6628, 9.6685,
6.4876

 77.8686, 16.9788,
8.0571

Harmonies

Analogous

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



64.4201, -29.2116, 15.1795



64.4189, -31.7379, 1.3350



64.4201, -27.3224, -15.4924

Triad

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



64.4201, -31.7383, 1.3358



64.4201, 15.0386, -26.2748



64.4201, 10.7748, 24.9264

Complementary

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



64.4189, -31.7379, 1.3350



41.0553, 39.7458, 12.0228

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.



64.4201, 24.5229, 18.0498



64.4189, -31.7379, 1.3350



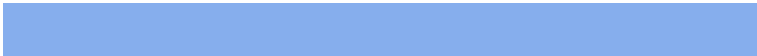
64.4201, 27.1508, -10.8653

Square

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



64.4201, -31.7383, 1.3358



64.4201, -1.1820, -33.7441



64.4201, 30.7816, 5.6043



64.4201, -5.6688, 26.6669

Rectangle

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



64.4189, -31.7379, 1.3350



64.4201, -20.7515, -25.5243



64.4201, 30.7816, 5.6043



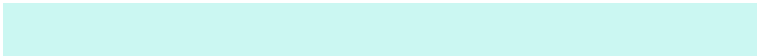
64.4201, 15.9160, 23.2399

Sweetspot

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



64.4201, -31.7383, 1.3358



92.6346, -19.5978, 3.0313



62.9163, -41.8618, 31.5917



43.1462, -10.1695, 1.2967



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



64.4201, -31.7383, 1.3358



85.7162, -46.9300, 2.4878



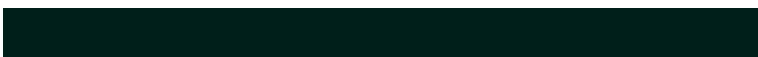
51.4765, -10.6850, -24.5791



32.8463, -4.4590, 1.3883



51.3251, -31.1100, 3.0057



10.1863, -5.9871, 0.1923

Inverse Universe

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



41.0553, 39.7458, 12.0228



49.8834, 64.8531, 20.0738



49.3763, 18.4149, 22.5365



30.9110, 1.2069, 2.1514



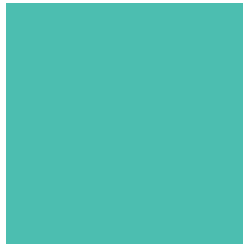
27.0697, 46.5368, 16.1041



5.4164, 9.4278, 2.3212

Previews

White Background



This preview shows how the HunterLab color 64.4189, -31.7379, 1.3350 looks on a white background.

Color Contrast Check

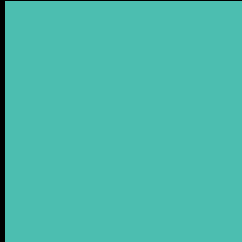
Large Text (above 18pt) WCAG AA × Fail

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 64.4189, -31.7379, 1.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

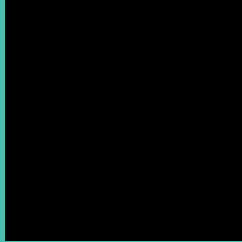
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

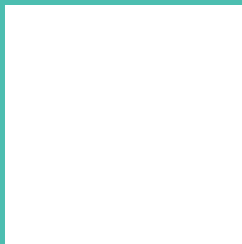
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.4189, -31.7379, 1.3350 Background



This preview shows how black text looks on a background with the HunterLab color 64.4189, -31.7379, 1.3350.



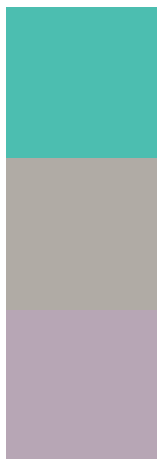
This preview shows how white text looks on a background with the HunterLab color 64.4189,

-31.7379, 1.3350.

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

64.4189, -31.7379, 1.3350

Protanopia

64.0879, -2.8082, 6.5091

Deuteranopia

63.7777, 4.5531, -1.2608



Tritanopia

64.2754, -23.7831, -11.7825

Trichromacy



Original Color

64.4189, -31.7379, 1.3350



Protanomaly

63.4672, -15.7329, 3.7671



Deuteranomaly

63.1220, -11.5784, -1.3659



Tritanomaly

64.1407, -26.6304, -7.0408

Monochromacy



Original Color

64.4189, -31.7379, 1.3350



Achromatopsia

56.8457, -3.0331, 3.0885



Achromatomaly

58.8912, -15.3283, 1.6062

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.4189, -31.7379, 1.3350 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(76, 190, 176)` looks like.

```
.text, #text, p{  
  color:rgb(76, 190, 176)  
}
```

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(76, 190, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 190, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 64.4189, -31.7379, 1.3350 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(76, 190, 176) }
```


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

```
.border{ border-color:rgb(76, 190, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 190, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 190, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 190, 176);  
box-shadow:4px 4px 4px 4px rgb(76, 190,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.4189, -31.7379, 1.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 190, 176) }
```

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

```
.background{ background-color: rgb(76, 190,  
176) }
```

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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