

Converting Colors

HunterLab(63.9449, -31.1709,
-12.6366)

Have a look what the booklet for
HunterLab(63.9449, -31.1709,
-12.6366) contains.

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Color

**HunterLab(64.0656,
-31.4371, -12.2127)**

Conversions

Conversions Part 1

Format	Color
Hex	00BEC9
RGB	0, 190, 201
RGB Percent	0%, 75%, 79%
CMY	0.9998, 0.2549, 0.2118
CMYK	1.00, 0.05, 0.00, 0.21
HSL	183°, 100%, 39%
HSV	183°, 100%, 79%
XYZ	28.9561, 41.0440, 61.6545
YIQ	134.4440, -116.7710, -36.8590

Conversions

Conversions Part 2

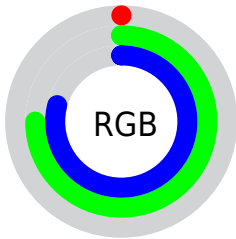
Format	Color
RYB	0, 98, 201
Decimal	48841
CIELab	70.21, -35.14, -16.83
CIELCh	70, 38.965, 205.588
Yxy	41.0455, 0.2199, 0.3118
Android (android.graphics.Color)	4278238921 (0xFF00BEC9)
YUV	134.4440, 32.8121, -117.9074
Hunter-Lab	64.0656, -31.4371, -12.2127

Details

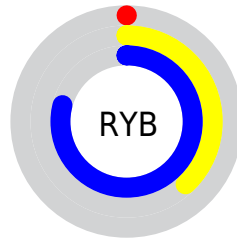
The HunterLab color **64.0656, -31.4371, -12.2127** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **35.5783, 59.1929, 22.9573**, and the grayscale version is **48.9152, -2.6100, 2.6577**.

A 20% lighter version of the original color is **87.5697, -37.0195, -10.7432**, and **44.4015, -21.1367, -9.8698** is the 20% darker color. If you saturate the color by 10%, you get **64.0657, -31.4369, -12.2133**, and if you desaturate by 10%, it is **64.5553, -31.4368, -11.5237**.

Distribution



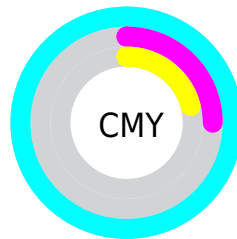
- Red (0%)
- Green (75%)
- Blue (79%)



- Red (0%)
- Yellow (38%)
- Blue (79%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.0656, -31.4371, -12.2127 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 64.0656, -31.4371, -12.2127 by changing the saturation by 10% instead.

64.0656, -31.4371,
-12.2127

64.0656, -31.4371,
-12.2127

187.2193,
-52.0822, -11.0271

53.2491, -28.8487,
-12.0740

87.6088, -36.3497,
-12.3013

43.1198, -26.1383,
-11.8686

100.2688,
-38.7082, -12.2612

33.7293, -23.2662,
-11.5916

113.4860,
-41.0177, -12.1692

25.1412, -20.1719,
-11.2423

127.2377,
-43.2869, -12.0284

17.4388, -16.7554,
-10.8301

141.5040,
-45.5228, -11.8415

10.7389, -15.1996,
-10.4043

156.2669,

1.5167, -2.6543,

-47.7310, -11.6109

-46.6914

171.5103,
-49.9162, -11.3388

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.0656, -31.4371,
-12.2127

■ 64.0656, -31.4371,
-12.2127

■ 64.0657, -31.4369,
-12.2133

■ 64.5553, -31.4368,
-11.5237

■ 65.1626, -30.9744,
-10.6684

■ 65.9262, -29.9084,
-9.5969

■ 66.8621, -28.1873,
-8.2945

■ 67.9807, -25.7866,

-6.7568

■ 69.2886, -22.7040,
-4.9871

■ 70.7887, -18.9554,
-2.9952

■ 72.4809, -14.5709,
-0.7952

■ 74.3629, -9.5915,
1.5957

Harmonies

Analogous

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



64.0668, -34.0740, 5.9395



64.0656, -31.4371, -12.2127



64.0668, -21.6235, -29.5697

Triad

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



64.0668, -31.4370, -12.2118



64.0668, 27.2984, -17.7531



64.0668, -0.7701, 28.1802

Complementary

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



64.0656, -31.4371, -12.2127



35.5783, 59.1929, 22.9573

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.



64.0668, 17.0701, 24.9369



64.0656, -31.4371, -12.2127



64.0668, 34.3589, 0.9342

Square

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



64.0668, -31.4370, -12.2118



64.0668, 12.0251, -33.3331



64.0668, 30.4268, 16.0052



64.0668, -17.5312, 26.4347

Rectangle

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



64.0656, -31.4371, -12.2127



64.0668, -11.7122, -36.6923



64.0668, 30.4268, 16.0052



64.0668, 5.3127, 27.6692

Sweetspot

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



64.0668, -31.4370, -12.2118



92.5321, -25.0376, -4.0405



64.6501, -55.3141, 38.6029



42.4093, -12.5946, -2.3984

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.0668, -31.4370, -12.2118



83.7594, -41.0506, -16.0756



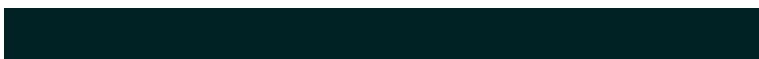
34.0738, 14.9677, -74.8954



34.5893, -4.3068, 0.8105



50.8441, -24.9813, -9.6233



11.2033, -5.6061, -1.9011

Inverse Universe

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



40.1703, 78.0414, -45.7854



52.5485, 102.0813, -59.7666



48.6758, 23.8254, 30.4093



32.8728, 2.5127, -0.9479



31.8586, 61.9099, -36.3984



6.9550, 13.5502, -8.2152

Previews

White Background



This preview shows how the HunterLab color 64.0656, -31.4371, -12.2127 looks on a white background.

Color Contrast Check

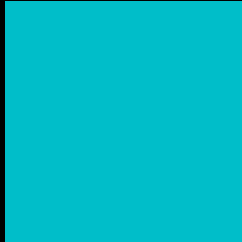
Large Text (above 18pt) WCAG AA × Fail

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 64.0656, -31.4371, -12.2127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

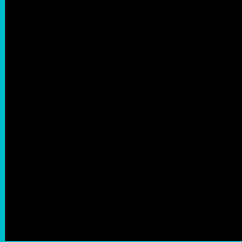
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

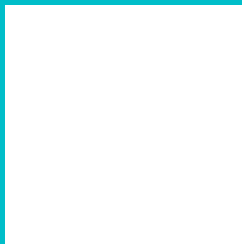
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.0656, -31.4371, -12.2127 Background



This preview shows how black text looks on a background with the HunterLab color 64.0656, -31.4371, -12.2127.



This preview shows how white text looks on a background with the HunterLab color 64.0656, -31.4371, -12.2127.

-31.4371, -12.2127.

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

64.0656, -31.4371, -12.2127

Protanopia

63.5072, -0.3577, -5.2911

Deuteranopia

63.6621, 4.4511, -15.0760



Tritanopia

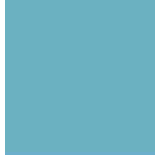
63.9935, -29.6875, -14.5997

Trichromacy



Original Color

64.0656, -31.4371, -12.2127



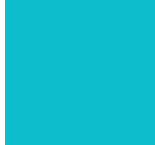
Protanomaly

61.9841, -18.0153, -10.3802



Deuteranomaly

61.8124, -14.5692, -16.9621



Tritanomaly

63.9065, -30.1015, -14.1481

Monochromacy



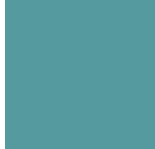
Original Color

64.0656, -31.4371, -12.2127



Achromatopsia

48.8260, -2.6052, 2.6528



Achromatomaly

52.4510, -18.7114, -4.5730

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.0656, -31.4371, -12.2127 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(0, 190, 201)` looks like.

```
.text, #text, p{  
    color:rgb(0, 190, 201)  
}
```

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(0, 190, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 190, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 64.0656, -31.4371, -12.2127 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(0, 190, 201) }
```


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

```
.border{ border-color:rgb(0, 190, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 190, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 190, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 190, 201);  
box-shadow:4px 4px 4px 4px rgb(0, 190,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.0656, -31.4371, -12.2127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 190, 201) }
```

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

```
.background{ background-color: rgb(0, 190,  
201) }
```

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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