

Converting Colors

HunterLab(63.4109, -32.8831,
-12.6169)

Have a look what the booklet for
HunterLab(63.4109, -32.8831,
-12.6169) contains.

HunterLab(63.6909, -31.2406, -12.1687)	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(63.6909,
-31.2406, -12.1687)**

Conversions

Conversions Part 1

Format	Color
Hex	00BDC8
RGB	0, 189, 200
RGB Percent	0%, 74%, 78%
CMY	0.9998, 0.2588, 0.2157
CMYK	1.00, 0.05, 0.00, 0.22
HSL	183°, 100%, 39%
HSV	183°, 100%, 78%
XYZ	28.6229, 40.5653, 60.9649
YIQ	133.7430, -116.1750, -36.6470

Conversions

Conversions Part 2

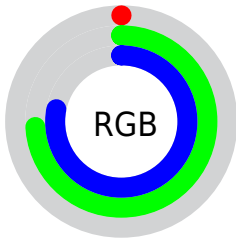
Format	Color
RYB	0, 97, 200
Decimal	48584
CIELab	69.87, -34.99, -16.79
CIELCh	70, 38.808, 205.635
Yxy	40.5668, 0.2199, 0.3117
Android (android.graphics.Color)	4278238664 (0xFF00BDC8)
YUV	133.7430, 32.6647, -117.2926
Hunter-Lab	63.6909, -31.2406, -12.1687

Details

The HunterLab color **63.6909, -31.2406, -12.1687** 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 **35.3835, 58.8503, 22.8314**, and the grayscale version is **48.6378, -2.5952, 2.6426**.

A 20% lighter version of the original color is **87.2207, -36.5679, -11.2066**, and **44.0491, -20.9525, -9.8271** is the 20% darker color. If you saturate the color by 10%, you get **63.6911, -31.2404, -12.1692**, and if you desaturate by 10%, it is **64.1800, -31.2405, -11.4803**.

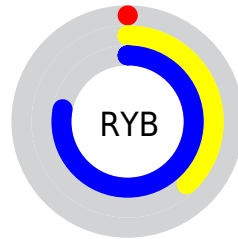
Distribution



Red (0%)

Green (74%)

Blue (78%)



Red (0%)

Yellow (38%)

Blue (78%)

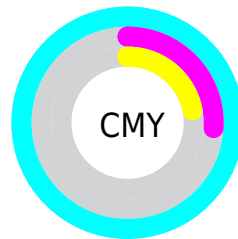


Cyan (100%)

Magenta (5%)

Yellow (0%)

Black (22%)



Cyan (100%)

Magenta (26%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.6909, -31.2406, -12.1687 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 63.6909, -31.2406, -12.1687 by changing the saturation by 10% instead.

63.6909, -31.2406,
-12.1687

63.6909, -31.2406,
-12.1687

186.6834,
-51.8332, -10.9862

52.8968, -28.6581,
-12.0292

87.1928, -36.1411,
-12.2585

42.7915, -25.9533,
-11.8228

99.8337, -38.4936,
-12.2189

33.4269, -23.0863,
-11.5447

113.0325,
-40.7971, -12.1273

24.8671, -19.9958,
-11.1943

126.7666,
-43.0605, -11.9868

17.1963, -16.5807,
-10.7815

141.0159,
-45.2905, -11.8001

10.5327, -15.3045,
-10.3574

155.7623,

0.0000, NaN, -NF

-47.4931, -11.5697

0.0000, NaN, NaN

170.9897,
-49.6727, -11.2978

0.0000, NaN, NaN

■ 63.6909, -31.2406,
-12.1687

■ 63.6909, -31.2406,
-12.1687

■ 63.6911, -31.2404,
-12.1692

■ 64.1800, -31.2405,
-11.4803

■ 64.7860, -30.7815,
-10.6267

■ 65.5474, -29.7224,
-9.5581

■ 66.4800, -28.0122,
-8.2602

■ 67.5943, -25.6267,
-6.7284

■ 68.8966, -22.5635,
-4.9663

■ 70.3898, -18.8387,
-2.9834

■ 72.0740, -14.4821,
-0.7938

■ 73.9467, -9.5344,
1.5852

Harmonies

Analogous

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



63.6921, -33.8733, 5.8793



63.6909, -31.2406, -12.1687



63.6921, -21.4749, -29.4143

Triad

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



63.6921, -31.2405, -12.1678



63.6921, 27.1534, -17.6180



63.6921, -0.7939, 28.0145

Complementary

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



63.6909, -31.2406, -12.1687



35.3835, 58.8503, 22.8314

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.



63.6921, 16.9422, 24.7984



63.6909, -31.2406, -12.1687



63.6921, 34.1559, 0.9563

Square

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



63.6921, -31.2405, -12.1678



63.6921, 11.9802, -33.1157



63.6921, 30.2304, 15.9290



63.6921, -17.4499, 26.2715

Rectangle

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



63.6909, -31.2406, -12.1687



63.6921, -11.6174, -36.4824



63.6921, 30.2304, 15.9290



63.6921, 5.2525, 27.5090

Sweetspot

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



63.6921, -31.2405, -12.1678



92.5250, -25.0274, -4.0493



64.2895, -55.0050, 38.3860



42.4056, -12.5893, -2.4031

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.6921, -31.2405, -12.1678



83.7348, -41.0204, -16.1099



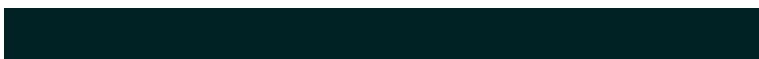
33.8922, 14.8658, -74.4487



34.5886, -4.3056, 0.8096



50.8296, -24.9636, -9.6435



11.2008, -5.6031, -1.9045

Inverse Universe

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



39.9433, 77.5966, -45.4938



52.5446, 102.0675, -59.7148



48.4105, 23.6787, 30.2434



32.8727, 2.5123, -0.9468



31.8562, 61.9018, -36.3678



6.9546, 13.5488, -8.2099

Previews

White Background



This preview shows how the HunterLab color 63.6909, -31.2406, -12.1687 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 63.6909, -31.2406, -12.1687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

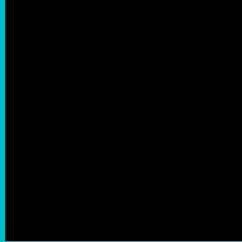
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

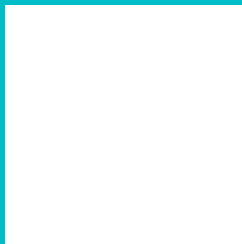
Any Text WCAG AAA ✓ Pass

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

HunterLab 63.6909, -31.2406, -12.1687 Background



This preview shows how black text looks on a background with the HunterLab color 63.6909, -31.2406, -12.1687.



This preview shows how white text looks on a background with the HunterLab color 63.6909, -31.2406, -12.1687.

-31.2406, -12.1687.

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

63.6909, -31.2406, -12.1687

Protanopia

63.0941, -0.3379, -5.3068

Deuteranopia

63.2495, 4.4688, -15.0896



Tritanopia

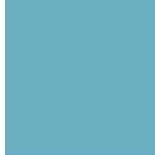
63.6198, -29.4893, -14.5529

Trichromacy



Original Color

63.6909, -31.2406, -12.1687



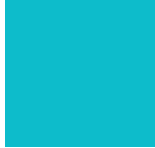
Protanomaly

61.5797, -17.9528, -10.3841



Deuteranomaly

61.4082, -14.5087, -16.9655



Tritanomaly

63.5325, -29.9043, -14.1021

Monochromacy



Original Color

63.6909, -31.2406, -12.1687



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 63.6909, -31.2406, -12.1687 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, 189, 200)` looks like.

```
.text, #text, p{  
    color:rgb(0, 189, 200)  
}
```

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, 189, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 200) }
```

Border

The CSS property to change the border of an element to HunterLab 63.6909, -31.2406, -12.1687 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, 189, 200) }
```


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

```
.border{ border-color:rgb(0, 189, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 189, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 189, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 189, 200);  
box-shadow:4px 4px 4px 4px rgb(0, 189,  
200) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.6909, -31.2406, -12.1687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 189, 200) }
```

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

```
.background{ background-color: rgb(0, 189,  
200) }
```

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