

Converting Colors

HunterLab(64.4642, -31.3997,
-12.7916)

Have a look what the booklet for
HunterLab(64.4642, -31.3997,
-12.7916) contains.

HunterLab(64.4774, -31.4158, -12.7736)	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(64.4774,
-31.4158, -12.7736)**

Conversions

Conversions Part 1

Format	Color
Hex	00BFCB
RGB	0, 191, 203
RGB Percent	0%, 75%, 80%
CMY	0.9998, 0.2510, 0.2039
CMYK	1.00, 0.06, 0.00, 0.20
HSL	184°, 100%, 40%
HSV	184°, 100%, 80%
XYZ	29.4102, 41.5734, 62.9742
YIQ	135.2590, -117.6880, -36.7600

Conversions

Conversions Part 2

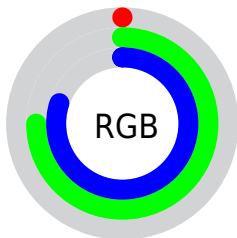
Format	Color
RYB	0, 98, 203
Decimal	49099
CIELab	70.58, -34.98, -17.36
CIELCh	71, 39.057, 206.398
Yxy	41.5749, 0.2196, 0.3103
Android (android.graphics.Color)	4278239179 (0xFF00BFCB)
YUV	135.2590, 33.3963, -118.6221
Hunter-Lab	64.4774, -31.4158, -12.7736

Details

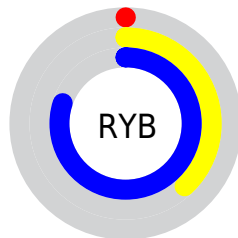
The HunterLab color **64.4774, -31.4158, -12.7736** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **36.0010, 59.7688, 23.2280**, and the grayscale version is **49.2357, -2.6271, 2.6751**.

A 20% lighter version of the original color is **87.9192, -37.4705, -10.2811**, and **44.7898, -21.1117, -10.4092** is the 20% darker color. If you saturate the color by 10%, you get **64.4775, -31.4155, -12.7742**, and if you desaturate by 10%, it is **65.0020, -31.4555, -12.0325**.

Distribution



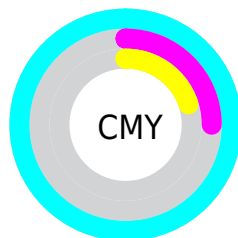
- Red (0%)
- Green (75%)
- Blue (80%)



- Red (0%)
- Yellow (38%)
- Blue (80%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.4774, -31.4158, -12.7736 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 64.4774, -31.4158, -12.7736 by changing the saturation by 10% instead.

64.4774, -31.4158,
-12.7736

64.4774, -31.4158,
-12.7736

187.8078,
-51.9800, -11.7292

53.6363, -28.8410,
-12.6183

88.0658, -36.3052,
-12.8952

43.4808, -26.1463,
-12.3965

100.7468,
-38.6537, -12.8713

34.0621, -23.2928,
-12.1038

113.9841,
-40.9540, -12.7953

25.4430, -20.2211,
-11.7403

127.7552,
-43.2145, -12.6703

17.7061, -16.8339,
-11.3171

142.0401,
-45.4423, -12.4988

10.9665, -14.9772,
-10.8872

156.8210,

2.5270, -4.4222,

-47.6429, -12.2834

-29.2035

172.0818,
-49.8209, -12.0262

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.4774, -31.4158,
-12.7736

■ 64.4774, -31.4158,
-12.7736

■ 64.4775, -31.4155,
-12.7742

■ 65.0020, -31.4555,
-12.0325

■ 65.6462, -31.0257,
-11.1222

■ 66.4490, -29.9842,
-9.9929

■ 67.4263, -28.2793,
-8.6301

■ 68.5886, -25.8869,

-7.0300

■ 69.9422, -22.8053,
-5.1967

■ 71.4899, -19.0509,
-3.1405

■ 73.2315, -14.6550,
-0.8760

■ 75.1643, -9.6589,
1.5788

Harmonies

Analogous

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



64.4786, -34.2675, 5.5289



64.4774, -31.4158, -12.7736



64.4786, -21.3727, -30.0659

Triad

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



64.4786, -31.4157, -12.7727



64.4786, 27.7305, -17.3173



64.4786, -1.2718, 28.3448

Complementary

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



64.4774, -31.4158, -12.7736



36.0010, 59.7688, 23.2280

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.



64.4786, 16.6870, 25.2239



64.4774, -31.4158, -12.7736



64.4786, 34.5411, 1.4231

Square

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



64.4786, -31.4157, -12.7727



64.4786, 12.5488, -33.1521



64.4786, 30.2964, 16.4123



64.4786, -18.0153, 26.4532

Rectangle

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



64.4774, -31.4158, -12.7736



64.4786, -11.3244, -37.0086



64.4786, 30.2964, 16.4123



64.4786, 4.8343, 27.8755

Sweetspot

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



64.4786, -31.4157, -12.7727



92.4189, -24.8740, -4.1816



65.3720, -55.9335, 39.0373



42.3492, -12.5094, -2.4741

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.4786, -31.4157, -12.7727



83.3642, -40.5658, -16.6281



34.4361, 15.1743, -75.7945



35.5091, -4.4109, 0.8144



51.4826, -25.1183, -10.1255



11.8433, -5.8885, -2.0916

Inverse Universe

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



40.5701, 78.7434, -45.6584



52.4850, 101.8602, -58.9362



49.2061, 24.1211, 30.7414



33.7518, 2.5878, -0.9642



32.3707, 62.8456, -36.5215



7.3766, 14.3584, -8.6112

Previews

White Background



This preview shows how the HunterLab color 64.4774, -31.4158, -12.7736 looks on a white background.

Color Contrast Check

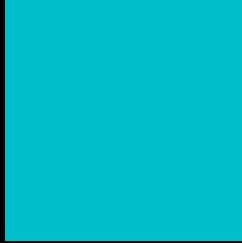
Large Text (above 18pt) WCAG AA × Fail

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 64.4774, -31.4158, -12.7736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

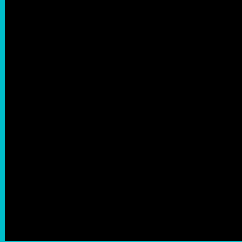
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

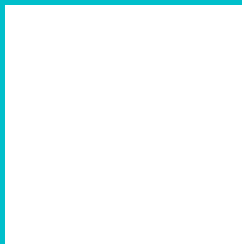
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.4774, -31.4158, -12.7736 Background



This preview shows how black text looks on a background with the HunterLab color 64.4774, -31.4158, -12.7736.



This preview shows how white text looks on a background with the HunterLab color 64.4774, -31.4158, -12.7736.

-31.4158, -12.7736.

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

64.4774, -31.4158, -12.7736

Protanopia

63.9548, -0.1926, -5.7567

Deuteranopia

64.1135, 4.6383, -15.5974



Tritanopia

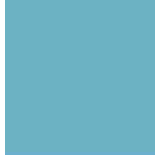
64.6888, -30.3670, -14.1899

Trichromacy



Original Color

64.4774, -31.4158, -12.7736



Protanomaly

62.4252, -17.8711, -10.8835



Deuteranomaly

62.2053, -14.5946, -17.5807



Tritanomaly

64.6069, -30.7612, -13.7324

Monochromacy



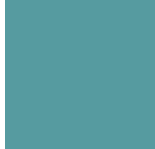
Original Color

64.4774, -31.4158, -12.7736



Achromatopsia

49.2221, -2.6264, 2.6743



Achromatomaly

52.8764, -18.5895, -5.0349

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.4774, -31.4158, -12.7736 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, 191, 203)` looks like.

```
.text, #text, p{  
    color:rgb(0, 191, 203)  
}
```

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, 191, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 191, 203) }
```

Border

The CSS property to change the border of an element to HunterLab 64.4774, -31.4158, -12.7736 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, 191, 203) }
```


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

```
.border{ border-color:rgb(0, 191, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 191, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 191, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 191, 203);  
box-shadow:4px 4px 4px 4px rgb(0, 191,  
203) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.4774, -31.4158, -12.7736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 191, 203) }
```

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

```
.background{ background-color: rgb(0, 191,  
203) }
```

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