

Converting Colors

HunterLab(59.9771, -50.2662,
-18.7482)

Have a look what the booklet for
HunterLab(59.9771, -50.2662,
-18.7482) contains.

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Color

**HunterLab(64.4039,
-31.8507, -11.7428)**

Conversions

Conversions Part 1

Format	Color
Hex	00BFC9
RGB	0, 191, 201
RGB Percent	0%, 75%, 79%
CMY	0.9998, 0.2510, 0.2118
CMYK	1.00, 0.05, 0.00, 0.21
HSL	183°, 100%, 39%
HSV	183°, 100%, 79%
XYZ	29.1734, 41.4786, 61.7269
YIQ	135.0310, -117.0460, -37.3820

Conversions

Conversions Part 2

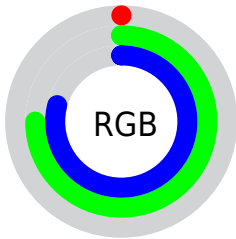
Format	Color
RYB	0, 98, 201
Decimal	49097
CIELab	70.51, -35.61, -16.37
CIELCh	71, 39.193, 204.689
Yxy	41.4801, 0.2204, 0.3133
Android (android.graphics.Color)	4278239177 (0xFF00BFC9)
YUV	135.0310, 32.5227, -118.4222
Hunter-Lab	64.4039, -31.8507, -11.7428

Details

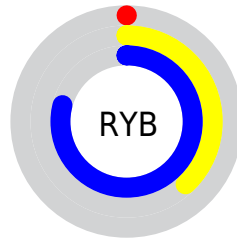
The HunterLab color **64.4039, -31.8507, -11.7428** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **35.5468, 59.2992, 22.9398**, and the grayscale version is **49.1487, -2.6225, 2.6703**.

A 20% lighter version of the original color is **87.9192, -37.4705, -10.2811**, and **44.7190, -21.5293, -9.4193** is the 20% darker color. If you saturate the color by 10%, you get **64.4041, -31.8506, -11.7432**, and if you desaturate by 10%, it is **64.8597, -31.8102, -11.1045**.

Distribution



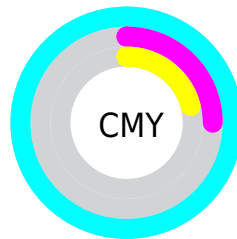
- Red (0%)
- Green (75%)
- Blue (79%)



- 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 64.4039, -31.8507, -11.7428 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 64.4039, -31.8507, -11.7428 by changing the saturation by 10% instead.

64.4039, -31.8507,
-11.7428

64.4039, -31.8507,
-11.7428

187.7028,
-52.6814, -10.4085

53.5672, -29.2368,
-11.6226

87.9842, -36.8105,
-11.7955

43.4164, -26.4995,
-11.4357

100.6615,
-39.1911, -11.7381

34.0026, -23.5989,
-11.1770

113.8952,
-41.5217, -11.6292

25.3891, -20.4742,
-10.8447

127.6629,
-43.8113, -11.4719

17.6583, -17.0256,
-10.4459

141.9445,
-46.0668, -11.2689

10.9258, -15.2534,
-10.0221

156.7221,

2.3785, -4.1624,

-48.2940, -11.0227

-28.9185

171.9798,
-50.4975, -10.7352

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.4039, -31.8507,
-11.7428

■ 64.4039, -31.8507,
-11.7428

■ 64.4041, -31.8506,
-11.7432

■ 64.8597, -31.8102,
-11.1045

■ 65.4326, -31.3089,
-10.3003

■ 66.1614, -30.2050,
-9.2804

■ 67.0623, -28.4463,
-8.0293

■ 68.1460, -26.0076,

-6.5419

■ 69.4192, -22.8856,
-4.8208

■ 70.8852, -19.0956,
-2.8752

■ 72.5440, -14.6672,
-0.7185

■ 74.3937, -9.6412,
1.6321

Harmonies

Analogous

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



64.4051, -34.2815, 6.4665



64.4039, -31.8507, -11.7428



64.4051, -22.1699, -29.3849

Triad

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



64.4051, -31.8507, -11.7419



64.4051, 27.1563, -18.4623



64.4051, -0.2195, 28.3469

Complementary

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



64.4039, -31.8507, -11.7428



35.5468, 59.2992, 22.9398

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.



64.4051, 17.7099, 24.9265



64.4039, -31.8507, -11.7428



64.4051, 34.5824, 0.3974

Square

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



64.4051, -31.8507, -11.7419



64.4051, 11.5924, -33.9496



64.4051, 30.9500, 15.7482



64.4051, -17.2087, 26.7415

Rectangle

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



64.4039, -31.8507, -11.7428



64.4051, -12.2879, -36.7954



64.4051, 30.9500, 15.7482



64.4051, 5.9131, 27.7832

Sweetspot

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



64.4051, -31.8507, -11.7419



92.6605, -25.2230, -3.8805



64.6443, -55.3498, 38.6870



42.4775, -12.6913, -2.3126

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.4051, -31.8507, -11.7419



84.2084, -41.5996, -15.4515



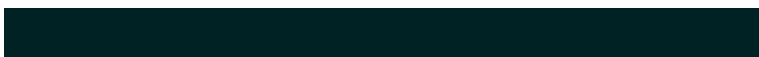
34.9163, 13.1788, -72.0872



34.6029, -4.3283, 0.8264



51.1086, -25.3044, -9.2563



11.2483, -5.6608, -1.8395

Inverse Universe

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



40.2248, 78.2315, -46.4985



52.6209, 102.3333, -60.7123



47.9367, 25.4698, 29.9827



32.8742, 2.5204, -0.9683



31.9013, 62.0585, -36.9559



6.9624, 13.5757, -8.3107

Previews

White Background



This preview shows how the HunterLab color 64.4039, -31.8507, -11.7428 looks on a white background.

Color Contrast Check

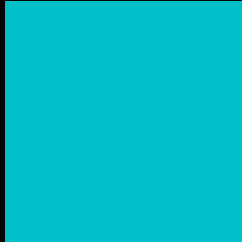
Large Text (above 18pt) WCAG AA × Fail

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 64.4039, -31.8507, -11.7428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

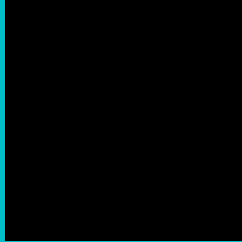
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

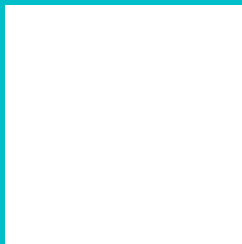
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.4039, -31.8507, -11.7428 Background



This preview shows how black text looks on a background with the HunterLab color 64.4039, -31.8507, -11.7428.



This preview shows how white text looks on a background with the HunterLab color 64.4039,

-31.8507, -11.7428.

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

64.4039, -31.8507, -11.7428

Protanopia

63.8869, -0.5616, -4.7967

Deuteranopia

63.8370, 5.0369, -14.8091



Tritanopia

64.3846, -29.8199, -14.6207

Trichromacy



Original Color

64.4039, -31.8507, -11.7428



Protanomaly

62.3532, -18.2827, -9.8719



Deuteranomaly

62.1784, -14.8486, -16.4189



Tritanomaly

64.2494, -30.4963, -13.6608

Monochromacy



Original Color

64.4039, -31.8507, -11.7428



Achromatopsia

49.2221, -2.6264, 2.6743



Achromatomaly

52.8435, -18.7801, -4.5692

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.4039, -31.8507, -11.7428 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(0, 191, 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, 191, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 191, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 64.4039, -31.8507, -11.7428 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, 201) }
```


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

```
.border{ border-color:rgb(0, 191, 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, 191, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 191, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 191, 201);  
box-shadow:4px 4px 4px 4px rgb(0, 191,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.4039, -31.8507, -11.7428 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, 201) }
```

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

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