

Converting Colors

HunterLab(63.1166, -29.4637,
-15.2865)

Have a look what the booklet for
HunterLab(63.1166, -29.4637,
-15.2865) contains.

HunterLab(63.1667, -29.5260, -15.2147)	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(63.1667,
-29.5260, -15.2147)**

Conversions

Conversions Part 1

Format	Color
Hex	00BBCC
RGB	0, 187, 204
RGB Percent	0%, 73%, 80%
CMY	0.9998, 0.2667, 0.2000
CMYK	1.00, 0.08, 0.00, 0.20
HSL	185°, 100%, 40%
HSV	185°, 100%, 80%
XYZ	28.6694, 39.9003, 63.3173
YIQ	133.0250, -116.9090, -34.3570

Conversions

Conversions Part 2

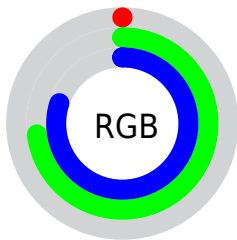
Format	Color
RYB	0, 98, 204
Decimal	48076
CIELab	69.40, -32.77, -19.70
CIELCh	69, 38.237, 211.006
Yxy	39.9018, 0.2174, 0.3025
Android (android.graphics.Color)	4278238156 (0xFF00BBCC)
YUV	133.0250, 34.9907, -116.6629
Hunter-Lab	63.1667, -29.5260, -15.2147

Details

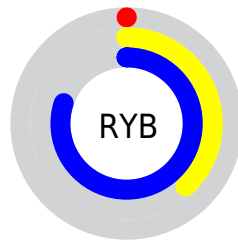
The HunterLab color **63.1667, -29.5260, -15.2147** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **36.3868, 59.4722, 23.4603**, and the grayscale version is **48.3457, -2.5796, 2.6267**.

A 20% lighter version of the original color is **86.5242, -35.6630, -12.1377**, and **43.5627, -19.3093, -12.7662** is the 20% darker color. If you saturate the color by 10%, you get **63.1663, -29.5252, -15.2160**, and if you desaturate by 10%, it is **63.8597, -29.7698, -14.2107**.

Distribution



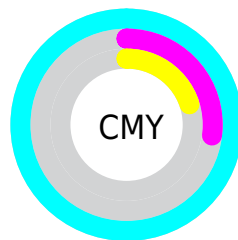
- Red (0%)
- Green (73%)
- Blue (80%)



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



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.1667, -29.5260, -15.2147 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 63.1667, -29.5260, -15.2147 by changing the saturation by 10% instead.

63.1667, -29.5260,
-15.2147

63.1667, -29.5260,
-15.2147

185.9326,
-49.2016, -14.8936

52.4042, -27.0747,
-14.9724

86.6106, -34.1878,
-15.5083

42.3326, -24.5114,
-14.6644

99.2245, -36.4305,
-15.5682

33.0044, -21.7986,
-14.2894

112.3975,
-38.6295, -15.5744

24.4844, -18.8784,
-13.8539

126.1068,
-40.7928, -15.5297

16.8581, -15.6550,
-13.3849

140.3322,
-42.9268, -15.4370

10.2459, -14.6378,
-12.9834

155.0556,

0.0000, NaN, -NF

-45.0370, -15.2986

0.0000, NaN, -NF

170.2607,
-47.1274, -15.1168

0.0000, NaN, NaN

■ 63.1667, -29.5260,
-15.2147

■ 63.1667, -29.5260,
-15.2147

■ 63.1663, -29.5252,
-15.2160

■ 63.8597, -29.7698,
-14.2107

■ 64.6759, -29.5341,
-13.0343

■ 65.6539, -28.6776,
-11.6366

■ 66.8087, -27.1520,
-10.0066

■ 68.1496, -24.9370,
-8.1440

■ 69.6816, -22.0349,
-6.0564

■ 71.4063, -18.4655,
-3.7571

■ 73.3223, -14.2625,
-1.2634

■ 75.4261, -9.4689,
1.4053

Harmonies

Analogous

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



63.1678, -33.4176, 2.8782



63.1667, -29.5260, -15.2147



63.1678, -18.7606, -31.1391

Triad

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



63.1678, -29.5259, -15.2137



63.1678, 28.5718, -13.9807



63.1678, -3.9591, 27.6692

Complementary

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



63.1667, -29.5260, -15.2147



36.3868, 59.4722, 23.4603

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.



63.1678, 13.6430, 25.3924



63.1667, -29.5260, -15.2147



63.1678, 33.6060, 3.9936

Square

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



63.1678, -29.5259, -15.2137



63.1678, 14.7667, -30.3024



63.1678, 27.8753, 17.7121



63.1678, -19.6733, 25.0573

Rectangle

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



63.1667, -29.5260, -15.2147



63.1678, -8.5106, -36.6772



63.1678, 27.8753, 17.7121



63.1678, 1.9324, 27.4569

Sweetspot

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



63.1678, -29.5259, -15.2137



91.7951, -23.9696, -4.9626



65.7475, -56.1568, 39.0503



42.0181, -12.0378, -2.8933

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.1678, -29.5259, -15.2137



81.1921, -37.8761, -19.7195



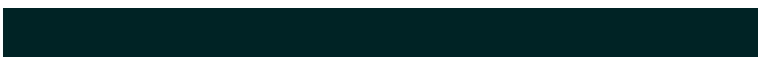
32.9566, 18.9682, -82.1348



35.4413, -4.3029, 0.7343



50.1792, -23.5064, -11.9760



11.6072, -5.5993, -2.4208

Inverse Universe

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



40.5297, 78.2543, -42.4334



52.1402, 100.6568, -54.4088



51.0256, 20.9058, 31.8062



33.7446, 2.5493, -0.8621



32.1635, 62.1225, -33.8019



7.3386, 14.2262, -8.1147

Previews

White Background



This preview shows how the HunterLab color 63.1667, -29.5260, -15.2147 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 63.1667, -29.5260, -15.2147 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

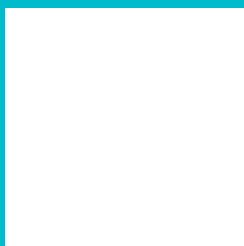
Any Text WCAG AAA ✓ Pass

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

HunterLab 63.1667, -29.5260, -15.2147 Background



This preview shows how black text looks on a background with the HunterLab color 63.1667, -29.5260, -15.2147.



This preview shows how white text looks on a background with the HunterLab color 63.1667,

-29.5260, -15.2147.

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

63.1667, -29.5260, -15.2147

Protanopia

62.7681, 0.3239, -7.8759

Deuteranopia

62.7744, 4.6635, -18.2104



Tritanopia

63.0911, -29.9714, -14.1588

Trichromacy



Original Color

63.1667, -29.5260, -15.2147



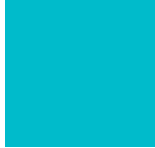
Protanomaly

61.0417, -16.3895, -13.3992



Deuteranomaly

61.1025, -13.6956, -19.8691



Tritanomaly

63.1288, -29.7493, -14.6854

Monochromacy



Original Color

63.1667, -29.5260, -15.2147



Achromatopsia

48.4304, -2.5841, 2.6313



Achromatomaly

52.1699, -18.0921, -5.4474

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.1667, -29.5260, -15.2147 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, 187, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 187, 204)  
}
```

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, 187, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 187, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 63.1667, -29.5260, -15.2147 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, 187, 204) }
```


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

```
.border{ border-color:rgb(0, 187, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 187, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 187, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 187, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 187,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.1667, -29.5260, -15.2147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 187, 204) }
```

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

```
.background{ background-color: rgb(0, 187,  
204) }
```

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