

Converting Colors

HunterLab(66.1015, -29.3364,
-19.2922)

Have a look what the booklet for
HunterLab(66.1015, -29.3364,
-19.2922) contains.

HunterLab(66.0648, -29.2968, -19.3318)	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(66.0648,
-29.2968, -19.3318)**

Conversions

Conversions Part 1

Format	Color
Hex	00C2DA
RGB	0, 194, 218
RGB Percent	0%, 76%, 85%
CMY	0.9998, 0.2392, 0.1451
CMYK	1.00, 0.11, 0.00, 0.15
HSL	187°, 100%, 43%
HSV	187°, 100%, 85%
XYZ	31.9467, 43.6456, 73.0704
YIQ	138.7300, -123.3280, -33.6640

Conversions

Conversions Part 2

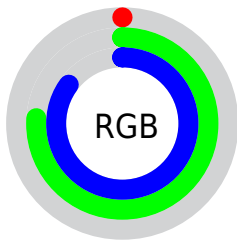
Format	Color
RYB	0, 103, 218
Decimal	49882
CIELab	71.99, -31.63, -23.39
CIELCh	72, 39.339, 216.486
Yxy	43.6471, 0.2149, 0.2936
Android (android.graphics.Color)	4278239962 (0xFF00C2DA)
YUV	138.7300, 39.0801, -121.6662
Hunter-Lab	66.0648, -29.2968, -19.3318

Details

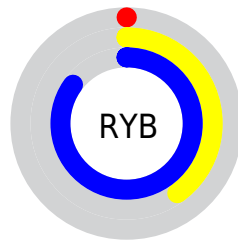
The HunterLab color **66.0648, -29.2968, -19.3318** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **39.4477, 63.2853, 25.4130**, and the grayscale version is **50.5959, -2.6997, 2.7490**.

A 20% lighter version of the original color is **89.0731, -38.4239, -8.7603**, and **46.2607, -19.2618, -16.2412** is the 20% darker color. If you saturate the color by 10%, you get **66.0637, -29.2951, -19.3342**, and if you desaturate by 10%, it is **67.0022, -29.8350, -17.9315**.

Distribution



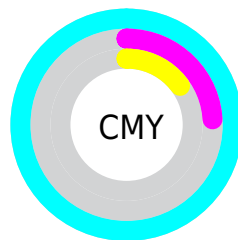
- Red (0%)
- Green (76%)
- Blue (85%)



- Red (0%)
- Yellow (40%)
- Blue (85%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.0648, -29.2968, -19.3318 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 66.0648, -29.2968, -19.3318 by changing the saturation by 10% instead.

66.0648, -29.2968,
-19.3318

66.0648, -29.2968,
-19.3318

190.0701,
-48.4124, -19.9063

55.1300, -26.9386,
-18.9913

89.8257, -33.7998,
-19.8274

44.8745, -24.4817,
-18.5903

102.5869,
-35.9734, -19.9891

35.3480, -21.8937,
-18.1314

115.9010,
-38.1082, -20.0965

26.6113, -19.1255,
-17.6286

129.7460,
-40.2116, -20.1523

18.7435, -16.0972,
-17.1237

144.1021,
-42.2894, -20.1589

11.8540, -13.3700,
-16.7468

158.9519,

4.6960, -8.2181,

-44.3464, -20.1188

-24.3965

174.2794,
-46.3863, -20.0339

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 66.0648, -29.2968,
-19.3318

■ 66.0648, -29.2968,
-19.3318

■ 66.0637, -29.2951,
-19.3342

■ 67.0022, -29.8350,
-17.9315

■ 68.0782, -29.8392,
-16.3409

■ 69.3325, -29.1641,
-14.5111

■ 70.7803, -27.7605,
-12.4341

■ 72.4305, -25.6105,

-10.1137

■ 74.2870, -22.7208,
-7.5623

■ 76.3499, -19.1170,
-4.7977

■ 78.6165, -14.8381,
-1.8410

■ 81.0818, -9.9324,
1.2851

Harmonies

Analogous

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



66.0660, -34.7341, -0.2627



66.0648, -29.2968, -19.3318



66.0660, -16.8757, -34.6339

Triad

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



66.0660, -29.2966, -19.3308



66.0660, 31.5908, -11.0574



66.0660, -7.4226, 28.7977

Complementary

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



66.0648, -29.2968, -19.3318



39.4477, 63.2853, 25.4130

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.



66.0660, 10.9701, 27.3587



66.0648, -29.2968, -19.3318



66.0660, 34.8195, 7.2354

Square

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



66.0660, -29.2966, -19.3308



66.0660, 18.5159, -29.0265



66.0660, 26.9162, 20.4392



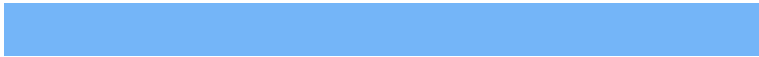
66.0660, -23.0150, 25.0964

Rectangle

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



66.0648, -29.2968, -19.3318



66.0660, -5.6526, -38.8296



66.0660, 26.9162, 20.4392



66.0660, -1.3775, 28.8803

Sweetspot

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



66.0660, -29.2966, -19.3308



91.1082, -22.9678, -5.8291



70.8528, -60.4660, 41.9718



41.6535, -11.5152, -3.3589

0.0000, NaN, NaN



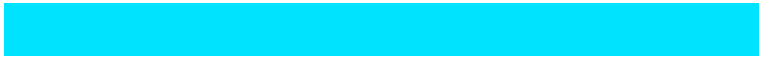
46.2646, -2.4686, 2.5136

Same Dimension

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



66.0660, -29.2966, -19.3308



78.8132, -34.8779, -23.2183



34.5205, 22.7512, -92.2552



38.1731, -4.5361, 0.6851



51.2300, -22.7966, -14.8218



13.3105, -6.1443, -3.3732

Inverse Universe

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



43.3612, 83.2332, -41.6141



51.7704, 99.3624, -49.5235



55.7591, 20.8899, 34.7225



36.3990, 2.7478, -0.8344



33.5756, 64.4783, -32.4045



8.5880, 16.5589, -8.8039

Previews

White Background



This preview shows how the HunterLab color 66.0648, -29.2968, -19.3318 looks on a white background.

Color Contrast Check

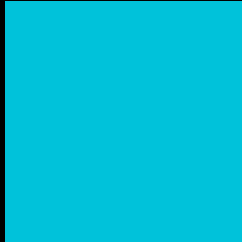
Large Text (above 18pt) WCAG AA × Fail

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 66.0648, -29.2968, -19.3318 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

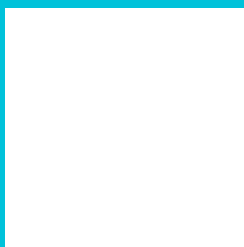
Any Text WCAG AAA ✓ Pass

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

HunterLab 66.0648, -29.2968, -19.3318 Background



This preview shows how black text looks on a background with the HunterLab color 66.0648, -29.2968, -19.3318.



This preview shows how white text looks on a background with the HunterLab color 66.0648, -29.2968, -19.3318.

-29.2968, -19.3318.

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

66.0648, -29.2968, -19.3318

Protanopia

65.6253, 0.4760, -11.1656

Deuteranopia

65.6112, 4.9079, -22.5709



Tritanopia

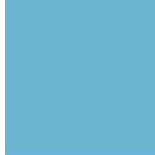
66.1312, -31.3182, -15.0512

Trichromacy



Original Color

66.0648, -29.2968, -19.3318



Protanomaly

63.9057, -16.2611, -16.8711



Deuteranomaly

63.9743, -13.4163, -24.2119



Tritanomaly

66.2459, -30.6420, -16.6543

Monochromacy



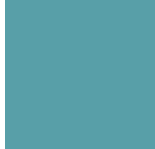
Original Color

66.0648, -29.2968, -19.3318



Achromatopsia

50.8117, -2.7112, 2.7607



Achromatomaly

54.4960, -18.4255, -7.0471

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.0648, -29.2968, -19.3318 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, 194, 218)` looks like.

```
.text, #text, p{  
    color:rgb(0, 194, 218)  
}
```

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, 194, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 194, 218) }
```

Border

The CSS property to change the border of an element to HunterLab 66.0648, -29.2968, -19.3318 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, 194, 218) }
```


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

```
.border{ border-color:rgb(0, 194, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 194, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 194, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 194, 218);  
box-shadow:4px 4px 4px 4px rgb(0, 194,  
218) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.0648, -29.2968, -19.3318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 194, 218) }
```

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

```
.background{ background-color: rgb(0, 194,  
218) }
```

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