

Converting Colors

HunterLab(66.9872, -30.0944,
-15.6764)

Have a look what the booklet for
HunterLab(66.9872, -30.0944,
-15.6764) contains.

HunterLab(66.8655, -29.9741, -15.7332)	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(66.8655,
-29.9741, -15.7332)**

Conversions

Conversions Part 1

Format	Color
Hex	24C4D6
RGB	36, 196, 214
RGB Percent	14%, 77%, 84%
CMY	0.8587, 0.2314, 0.1608
CMYK	0.83, 0.08, 0.00, 0.16
HSL	186°, 71%, 49%
HSV	186°, 83%, 84%
XYZ	32.6051, 44.7100, 70.5297
YIQ	150.2120, -101.1380, -28.3220

Conversions

Conversions Part 2

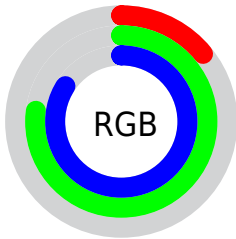
Format	Color
RYB	36, 120, 214
Decimal	2409686
CIELab	72.70, -32.32, -20.12
CIELCh	73, 38.064, 211.901
Yxy	44.7116, 0.2205, 0.3024
Android (android.graphics.Color)	4280599766 (0xFF24C4D6)
YUV	150.2120, 31.4475, -100.1639
Hunter-Lab	66.8655, -29.9741, -15.7332

Details

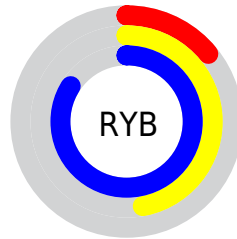
The HunterLab color **66.8655, -29.9741, -15.7332** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **41.3083, 54.6256, 24.0125**, and the grayscale version is **55.2206, -2.9464, 3.0002**.

A 20% lighter version of the original color is **90.1019, -38.0646, -7.4010**, and **46.7431, -20.9641, -13.1695** is the 20% darker color. If you saturate the color by 10%, you get **65.9282, -29.8596, -17.1115**, and if you desaturate by 10%, it is **67.9719, -29.4504, -14.1248**.

Distribution



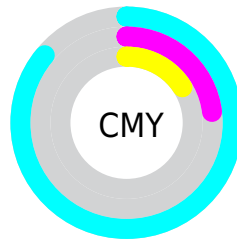
- Red (14%)
- Green (77%)
- Blue (84%)



- Red (14%)
- Yellow (47%)
- Blue (84%)



- Cyan (83%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (86%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.8655, -29.9741, -15.7332 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 66.8655, -29.9741, -15.7332 by changing the saturation by 10% instead.

66.8655, -29.9741,
-15.7332

66.8655, -29.9741,
-15.7332

191.2078,
-49.3527, -15.3815

55.8841, -27.5811,
-15.4985

90.7124, -34.5429,
-16.0146

45.5788, -25.0879,
-15.1993

103.5137,
-36.7475, -16.0699

35.9988, -22.4621,
-14.8336

116.8662,
-38.9122, -16.0723

27.2037, -19.6547,
-14.4055

130.7480,
-41.0445, -16.0246

19.2711, -16.5869,
-13.9348

145.1397,
-43.1504, -15.9294

12.3076, -13.5958,
-13.4914

160.0239,

5.4688, -9.5705,

-45.2345, -15.7891

-17.3527

175.3847,
-47.3008, -15.6058

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 66.8655, -29.9741,
-15.7332

■ 66.8655, -29.9741,
-15.7332

■ 65.9282, -29.8596,
-17.1115

■ 67.9719, -29.4504,
-14.1248

■ 65.3550, -29.5211,
-17.9606

■ 69.2615, -28.2275,
-12.2754

■ 70.7465, -26.2776,
-10.1832

■ 72.4325, -23.5989,
-7.8563

■ 74.3213, -20.2096,

-5.3097

■ 76.4114, -16.1431,
-2.5623

■ 78.6991, -11.4436,
0.3645

■ 81.1785, -6.1619,
3.4488

■ 83.8428, -0.3519,
6.6687

Harmonies

Analogous

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



66.8667, -34.1780, 2.5615



66.8655, -29.9741, -15.7332



66.8667, -18.7935, -31.4930

Triad

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



66.8667, -29.9740, -15.7322



66.8667, 29.0200, -13.3905



66.8667, -4.6919, 28.5050

Complementary

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



66.8655, -29.9741, -15.7332



41.3083, 54.6256, 24.0125

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.



66.8667, 13.1472, 26.2870



66.8655, -29.9741, -15.7332



66.8667, 33.7744, 4.7003

Square

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



66.8667, -29.9740, -15.7322



66.8667, 15.2930, -29.9132



66.8667, 27.6937, 18.5309



66.8667, -20.5517, 25.6287

Rectangle

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



66.8655, -29.9741, -15.7332



66.8667, -8.2782, -36.7799



66.8667, 27.6937, 18.5309



66.8667, 1.2692, 28.3330

Sweetspot

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



66.8667, -29.9740, -15.7322



92.6306, -20.7834, -3.8408



69.8096, -57.1264, 39.0712



42.4321, -10.4448, -2.3315

0.0000, NaN, NaN



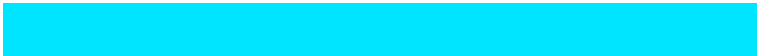
46.2646, -2.4686, 2.5136

Same Dimension

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



66.8667, -29.9740, -15.7322



79.6094, -35.8878, -22.0335



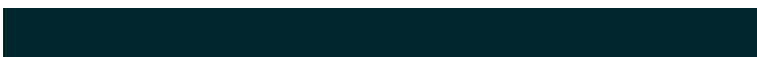
39.7368, 11.9725, -70.2287



37.2602, -4.4605, 0.7035



50.8969, -23.0606, -13.8355



12.7508, -5.9781, -3.0323

Inverse Universe

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



44.2096, 77.3837, -41.4447



51.8932, 99.7928, -51.1499



58.3192, 13.7733, 34.4787



35.5106, 2.6822, -0.8459



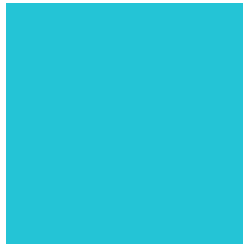
33.1058, 63.6990, -32.9034



8.1698, 15.7812, -8.5983

Previews

White Background



This preview shows how the HunterLab color 66.8655, -29.9741, -15.7332 looks on a white background.

Color Contrast Check

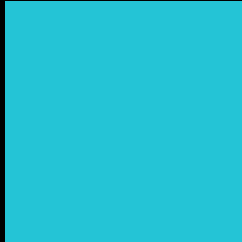
Large Text (above 18pt) WCAG AA × Fail

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 66.8655, -29.9741, -15.7332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

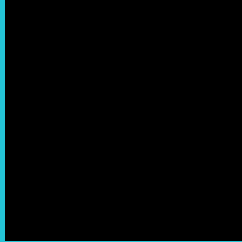
Any Text WCAG AA ✓ Pass

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 66.8655, -29.9741, -15.7332 Background



This preview shows how black text looks on a background with the HunterLab color 66.8655, -29.9741, -15.7332.



This preview shows how white text looks on a background with the HunterLab color 66.8655, -29.9741, -15.7332.

-29.9741, -15.7332.

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

66.8655, -29.9741, -15.7332

Protanopia

66.4116, -0.1505, -7.8640

Deuteranopia

66.2464, 5.2219, -19.0683



Tritanopia

66.7633, -30.5225, -14.7102

Trichromacy



Original Color

66.8655, -29.9741, -15.7332



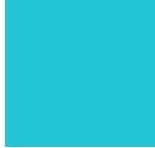
Protanomaly

65.1811, -15.1477, -12.6384



Deuteranomaly

65.0142, -11.5945, -20.0074



Tritanomaly

66.8141, -30.2495, -15.2207

Monochromacy



Original Color

66.8655, -29.9741, -15.7332



Achromatopsia

55.2257, -2.9467, 3.0005



Achromatomaly

58.2287, -17.0832, -4.6746

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.8655, -29.9741, -15.7332 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(36, 196, 214)` looks like.

```
.text, #text, p{  
    color:rgb(36, 196, 214)  
}
```

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(36, 196, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 196, 214) }
```

Border

The CSS property to change the border of an element to HunterLab 66.8655, -29.9741, -15.7332 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(36, 196, 214) }
```


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

```
.border{ border-color:rgb(36, 196, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 196, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 196, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 196, 214);  
box-shadow:4px 4px 4px 4px rgb(36, 196,  
214) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.8655, -29.9741, -15.7332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 196, 214) }
```

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

```
.background{ background-color: rgb(36, 196,  
214) }
```

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