

Converting Colors

HunterLab(63.0142, -30.2598,
-12.4845)

Have a look what the booklet for
HunterLab(63.0142, -30.2598,
-12.4845) contains.

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Color

**HunterLab(63.0669,
-30.2891, -12.4657)**

Conversions

Conversions Part 1

Format	Color
Hex	10BBC7
RGB	16, 187, 199
RGB Percent	6%, 73%, 78%
CMY	0.9371, 0.2667, 0.2196
CMYK	0.92, 0.06, 0.00, 0.22
HSL	184°, 85%, 42%
HSV	184°, 92%, 78%
XYZ	28.2928, 39.7743, 60.2189
YIQ	137.2390, -105.7680, -32.5200

Conversions

Conversions Part 2

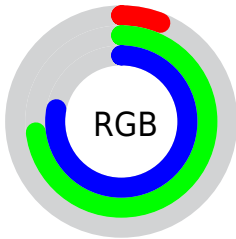
Format	Color
R _{YB}	16, 104, 199
Decimal	1096647
CIE Lab	69.31, -33.86, -17.08
CIE LCh	69, 37.926, 206.772
Yxy	39.7758, 0.2205, 0.3100
Android (android.graphics.Color)	4279286727 (0xFF10BBC7)
YUV	137.2390, 30.4482, -106.3266
Hunter-Lab	63.0669, -30.2891, -12.4657

Details

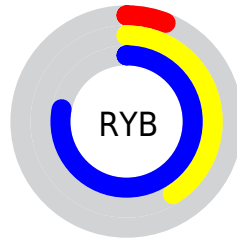
The HunterLab color **63.0669, -30.2891, -12.4657** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **36.0718, 55.9504, 22.3990**, and the grayscale version is **50.0283, -2.6694, 2.7181**.

A 20% lighter version of the original color is **86.5942, -35.3946, -12.0375**, and **43.3813, -20.3759, -10.2371** is the 20% darker color. If you saturate the color by 10%, you get **62.6266, -30.1960, -13.0933**, and if you desaturate by 10%, it is **63.7146, -30.0223, -11.5463**.

Distribution



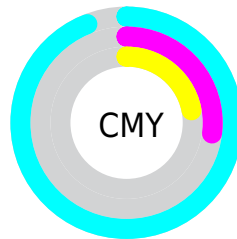
- Red (6%)
- Green (73%)
- Blue (78%)



- Red (6%)
- Yellow (41%)
- Blue (78%)



- Cyan (92%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)



- Cyan (94%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.0669, -30.2891, -12.4657 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 63.0669, -30.2891, -12.4657 by changing the saturation by 10% instead.

63.0669, -30.2891,
-12.4657

63.0669, -30.2891,
-12.4657

185.7896,
-50.4261, -11.3943

52.3104, -27.7701,
-12.3121

86.4997, -35.0726,
-12.5828

42.2453, -25.1331,
-12.0913

99.1085, -37.3709,
-12.5562

32.9240, -22.3388,
-11.7991

112.2766,
-39.6225, -12.4772

24.4117, -19.3267,
-11.4355

125.9812,
-41.8359, -12.3490

16.7939, -15.9966,
-11.0132

140.2020,
-44.0180, -12.1743

10.1915, -15.1556,
-10.5920

154.9210,

0.0000, NaN, -NF

-46.1742, -11.9555

0.0000, NaN, NaN

170.1218,
-48.3090, -11.6949

0.0000, NaN, NaN

■ 63.0669, -30.2891,
-12.4657

■ 63.0669, -30.2891,
-12.4657

■ 62.6266, -30.1960,
-13.0933

■ 63.7146, -30.0223,
-11.5463

■ 64.5127, -29.1704,
-10.4175

■ 65.4789, -27.6780,
-9.0633

■ 66.6240, -25.5180,
-7.4788

■ 67.9546, -22.6861,
-5.6678

■ 69.4735, -19.1961,
-3.6401

■ 71.1809, -15.0765,
-1.4098

■ 73.0742, -10.3666,
1.0054

■ 75.1494, -5.1125,
3.5867

Harmonies

Analogous

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



63.0681, -33.1367, 5.1809



63.0669, -30.2891, -12.4657



63.0681, -20.5047, -29.0028

Triad

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



63.0681, -30.2891, -12.4648



63.0681, 26.7840, -16.3786



63.0681, -1.4933, 27.4771

Complementary

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



63.0669, -30.2891, -12.4657



36.0718, 55.9504, 22.3990

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.



63.0681, 15.8184, 24.5042



63.0669, -30.2891, -12.4657



63.0681, 33.2074, 1.6335

Square

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



63.0681, -30.2891, -12.4648



63.0681, 12.2480, -31.6554



63.0681, 28.9957, 16.0354



63.0681, -17.5994, 25.5751

Rectangle

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



63.0669, -30.2891, -12.4657



63.0681, -10.7672, -35.5652



63.0681, 28.9957, 16.0354



63.0681, 4.3878, 27.0401

Sweetspot

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



63.0681, -30.2891, -12.4648



92.6984, -23.5676, -3.8035



64.0538, -54.0874, 37.6619



42.4473, -11.9474, -2.3383

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.0681, -30.2891, -12.4648



82.7834, -39.8508, -17.4455



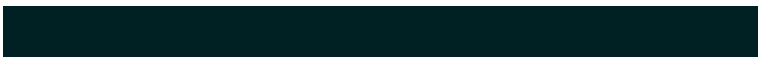
36.1088, 10.5916, -66.2866



34.5598, -4.2598, 0.7757



50.2692, -24.2754, -10.4286



11.1054, -5.4869, -2.0362

Inverse Universe

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



40.1270, 75.2804, -43.4236



52.3922, 101.5364, -57.7195



49.8242, 20.1768, 30.4698



32.8697, 2.4959, -0.9035



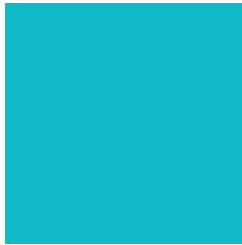
31.7663, 61.5886, -35.1914



6.9392, 13.4950, -8.0081

Previews

White Background



This preview shows how the HunterLab color 63.0669, -30.2891, -12.4657 looks on a white background.

Color Contrast Check

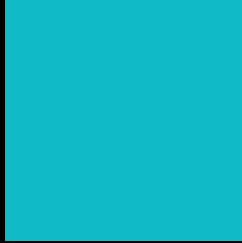
Large Text (above 18pt) WCAG AA × Fail

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 63.0669, -30.2891, -12.4657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

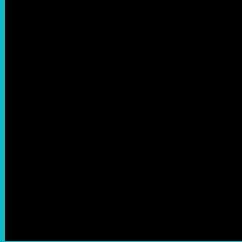
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

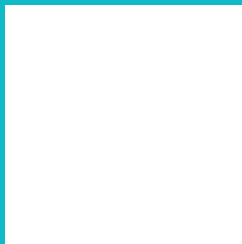
Any Text WCAG AAA ✓ Pass

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

HunterLab 63.0669, -30.2891, -12.4657 Background



This preview shows how black text looks on a background with the HunterLab color 63.0669, -30.2891, -12.4657.



This preview shows how white text looks on a background with the HunterLab color 63.0669,

-30.2891, -12.4657.

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

63.0669, -30.2891, -12.4657

Protanopia

62.6814, -0.3180, -5.3225

Deuteranopia

62.4640, 4.7092, -15.6514



Tritanopia

63.2353, -29.4097, -13.9404

Trichromacy



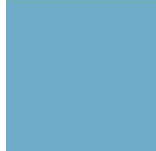
Original Color

63.0669, -30.2891, -12.4657



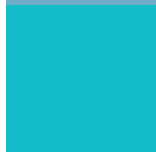
Protanomaly

61.1663, -16.2957, -10.3731



Deuteranomaly

60.9498, -13.0373, -17.0267



Tritanomaly

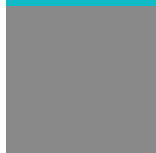
63.1715, -29.7328, -13.4576

Monochromacy



Original Color

63.0669, -30.2891, -12.4657



Achromatopsia

50.0158, -2.6687, 2.7175



Achromatomaly

53.2052, -17.3522, -4.5802

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.0669, -30.2891, -12.4657 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(16, 187, 199)` looks like.

```
.text, #text, p{  
    color:rgb(16, 187, 199)  
}
```

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(16, 187, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 187, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 63.0669, -30.2891, -12.4657 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(16, 187, 199) }
```


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

```
.border{ border-color:rgb(16, 187, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 187, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 187, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 187, 199);  
box-shadow:4px 4px 4px 4px rgb(16, 187,  
199) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.0669, -30.2891, -12.4657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 187, 199) }
```

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

```
.background{ background-color: rgb(16, 187,  
199) }
```

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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