

Converting Colors

HunterLab(63.0146, -27.2050,
-20.0352)

Have a look what the booklet for
HunterLab(63.0146, -27.2050,
-20.0352) contains.

HunterLab(63.1437, -27.2707, -20.0545)	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(63.1437,
-27.2707, -20.0545)**

Conversions

Conversions Part 1

Format	Color
Hex	00BAD4
RGB	0, 186, 212
RGB Percent	0%, 73%, 83%
CMY	0.9998, 0.2706, 0.1686
CMYK	1.00, 0.12, 0.00, 0.17
HSL	187°, 100%, 42%
HSV	187°, 100%, 83%
XYZ	29.4426, 39.8713, 68.4315
YIQ	133.3500, -119.2020, -31.3460

Conversions

Conversions Part 2

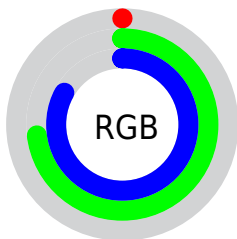
Format	Color
RYB	0, 99, 212
Decimal	47828
CIELab	69.38, -29.70, -24.11
CIELCh	69, 38.252, 219.074
Yxy	39.8727, 0.2138, 0.2895
Android (android.graphics.Color)	4278237908 (0xFF00BAD4)
YUV	133.3500, 38.7745, -116.9479
Hunter-Lab	63.1437, -27.2707, -20.0545

Details

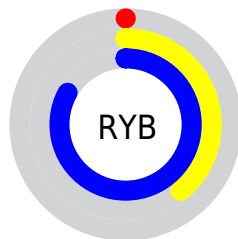
The HunterLab color **63.1437, -27.2707, -20.0545** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **38.3905, 60.7848, 24.7180**, and the grayscale version is **48.4608, -2.5857, 2.6330**.

A 20% lighter version of the original color is **85.8647, -34.6213, -13.0238**, and **43.5165, -17.3447, -16.9495** is the 20% darker color. If you saturate the color by 10%, you get **63.1425, -27.2688, -20.0570**, and if you desaturate by 10%, it is **64.1407, -27.8932, -18.5427**.

Distribution



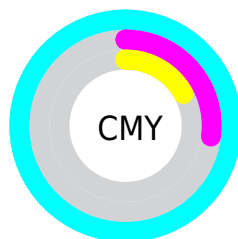
- Red (0%)
- Green (73%)
- Blue (83%)



- Red (0%)
- Yellow (39%)
- Blue (83%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.1437, -27.2707, -20.0545 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 63.1437, -27.2707, -20.0545 by changing the saturation by 10% instead.

63.1437, -27.2707,
-20.0545

63.1437, -27.2707,
-20.0545

185.8996,
-45.6577, -20.9393

52.3825, -25.0067,
-19.6774

86.5850, -31.5941,
-20.6241

42.3124, -22.6468,
-19.2416

99.1978, -33.6822,
-20.8221

32.9859, -20.1579,
-18.7532

112.3696,
-35.7341, -20.9649

24.4676, -17.4887,
-18.2338

126.0779,
-37.7571, -21.0553

16.8433, -14.5541,
-17.7456

140.3022,
-39.7568, -21.0957

10.2334, -13.3396,
-17.4868

155.0246,

0.0000, NaN, -NF

-41.7378, -21.0885

0.0000, NaN, -NF

170.2286,
-43.7037, -21.0357

0.0000, NaN, NaN

■ 63.1437, -27.2707,
-20.0545

■ 63.1437, -27.2707,
-20.0545

■ 63.1425, -27.2688,
-20.0570

■ 64.1407, -27.8932,
-18.5427

■ 65.2731, -27.9973,
-16.8479

■ 66.5794, -27.4409,
-14.9230

■ 68.0738, -26.1793,
-12.7625

■ 69.7638, -24.1978,
-10.3721

■ 71.6526, -21.5053,
-7.7657

■ 73.7396, -18.1282,
-4.9619

■ 76.0215, -14.1055,
-1.9821

■ 78.4930, -9.4844,
1.1514

Harmonies

Analogous

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



63.1448, -33.0906, -1.7828



63.1437, -27.2707, -20.0545



63.1448, -14.8666, -34.0324

Triad

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



63.1448, -27.2705, -20.0535



63.1448, 30.9575, -8.9989



63.1448, -8.5552, 27.4542

Complementary

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



63.1437, -27.2707, -20.0545



38.3905, 60.7848, 24.7180

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.



63.1448, 9.0072, 26.4980



63.1437, -27.2707, -20.0545



63.1448, 33.1173, 8.2463

Square

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



63.1448, -27.2705, -20.0535



63.1448, 19.0937, -26.5450



63.1448, 24.7107, 20.3660



63.1448, -23.0799, 23.4655

Rectangle

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



63.1437, -27.2707, -20.0545



63.1448, -3.9116, -37.3077



63.1448, 24.7107, 20.3660



63.1448, -2.8318, 27.6707

Sweetspot

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



63.1448, -27.2705, -20.0535



90.7868, -22.4970, -6.2367



68.6710, -58.5243, 40.5069



41.4830, -11.2696, -3.5781

0.0000, NaN, NaN



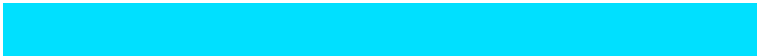
46.2646, -2.4686, 2.5136

Same Dimension

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



63.1448, -27.2705, -20.0535



77.7054, -33.4617, -24.8908



32.6851, 23.8951, -92.4306



37.1964, -4.3587, 0.6279



49.7122, -21.5542, -15.6066



12.5112, -5.6778, -3.3811

Inverse Universe

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



41.8851, 80.1868, -38.5468



51.6010, 98.7684, -47.2757



54.9216, 18.4049, 34.1631



35.5039, 2.6460, -0.7502



32.9236, 63.0603, -30.4888



8.1323, 15.6501, -8.1041

Previews

White Background



This preview shows how the HunterLab color 63.1437, -27.2707, -20.0545 looks on a white background.

Color Contrast Check

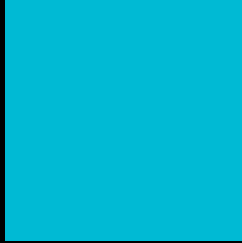
Large Text (above 18pt) WCAG AA × Fail

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 63.1437, -27.2707, -20.0545 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

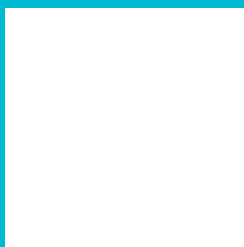
Any Text WCAG AAA ✓ Pass

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

HunterLab 63.1437, -27.2707, -20.0545 Background



This preview shows how black text looks on a background with the HunterLab color 63.1437, -27.2707, -20.0545.



This preview shows how white text looks on a background with the HunterLab color 63.1437, -27.2707, -20.0545.

-27.2707, -20.0545.

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

63.1437, -27.2707, -20.0545

Protanopia

62.8031, 1.0199, -12.2934

Deuteranopia

62.6825, 5.0035, -23.3805



Tritanopia

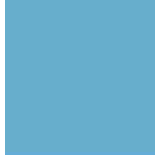
63.0911, -29.9714, -14.1588

Trichromacy



Original Color

63.1437, -27.2707, -20.0545



Protanomaly

61.2497, -15.0117, -17.8199



Deuteranomaly

61.2863, -12.3712, -24.6480



Tritanomaly

63.2431, -29.0760, -16.2816

Monochromacy



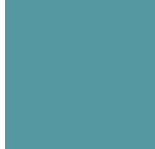
Original Color

63.1437, -27.2707, -20.0545



Achromatopsia

48.4304, -2.5841, 2.6313



Achromatomaly

51.9581, -17.0774, -7.2886

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.1437, -27.2707, -20.0545 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, 186, 212)` looks like.

```
.text, #text, p{  
    color:rgb(0, 186, 212)  
}
```

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, 186, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 186, 212) }
```

Border

The CSS property to change the border of an element to HunterLab 63.1437, -27.2707, -20.0545 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, 186, 212) }
```


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

```
.border{ border-color:rgb(0, 186, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 186, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 186, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 186, 212);  
box-shadow:4px 4px 4px 4px rgb(0, 186,  
212) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.1437, -27.2707, -20.0545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 186, 212) }
```

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

```
.background{ background-color: rgb(0, 186,  
212) }
```

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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