

Converting Colors

HunterLab(57.8136, -18.3909,
-27.9002)

Have a look what the booklet for
HunterLab(57.8136, -18.3909,
-27.9002) contains.

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Color

**HunterLab(57.9408,
-18.5225, -27.6846)**

Conversions

Conversions Part 1

Format	Color
Hex	2AA9D3
RGB	42, 169, 211
RGB Percent	16%, 66%, 83%
CMY	0.8352, 0.3372, 0.1725
CMYK	0.80, 0.20, 0.00, 0.17
HSL	195°, 67%, 50%
HSV	195°, 80%, 83%
XYZ	26.9007, 33.5714, 66.6902
YIQ	135.8150, -89.1740, -13.8620

Conversions

Conversions Part 2

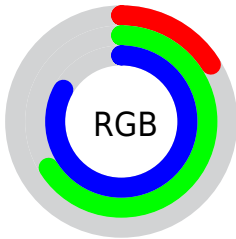
Format	Color
R_{YB}	42, 115, 211
Decimal	2795987
CIE _{Lab}	64.62, -19.22, -30.85
CIE _{LCh}	65, 36.346, 238.070
Yxy	33.5725, 0.2116, 0.2640
Android (android.graphics.Color)	4280986067 (0xFF2AA9D3)
YUV	135.8150, 37.0662, -82.2758
Hunter-Lab	57.9408, -18.5225, -27.6846

Details

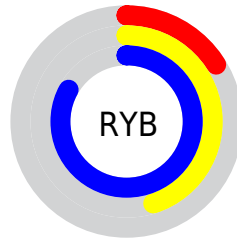
The HunterLab color **57.9408, -18.5225, -27.6846** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **45.1212, 41.5142, 25.6500**, and the grayscale version is **49.4306, -2.6375, 2.6857**.

A 20% lighter version of the original color is **80.1100, -24.8262, -21.0911**, and **38.8881, -11.3114, -24.1887** is the 20% darker color. If you saturate the color by 10%, you get **55.9698, -17.2671, -31.0987**, and if you desaturate by 10%, it is **60.1092, -19.0758, -24.0838**.

Distribution



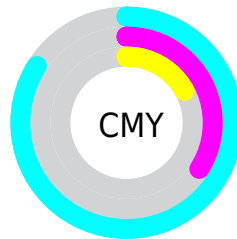
- Red (16%)
- Green (66%)
- Blue (83%)



- Red (16%)
- Yellow (45%)
- Blue (83%)



- Cyan (80%)
- Magenta (20%)
- Yellow (0%)
- Black (17%)



- Cyan (84%)
- Magenta (34%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.9408, -18.5225, -27.6846 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 57.9408, -18.5225, -27.6846 by changing the saturation by 10% instead.

■ 57.9408, -18.5225,
-27.6846

■ 57.9408, -18.5225,
-27.6846

178.3877,
-32.6448, -30.4484

■ 47.5031, -16.8613,
-27.1244

■ 80.7888, -21.7439,
-28.6626

■ 37.7795, -15.1485,
-26.5373

■ 93.1267, -23.3228,
-29.0729

■ 28.8284, -13.3609,
-25.9591

■ 106.0357,
-24.8886, -29.4295

■ 20.7230, -11.4617,
-25.4767

■ 119.4914,
-26.4458, -29.7330

■ 13.5631, -9.3851,
-25.3222

■ 133.4726,
-27.9975, -29.9849

■ 7.1531, -12.0921,
-28.0221

147.9602,

0.0000, NaN, -NF

-29.5466, -30.1869

0.0000, NaN, -NF

162.9371,
-31.0951, -30.3409

0.0000, NaN, NaN

■ 57.9408, -18.5225,
-27.6846

■ 57.9408, -18.5225,
-27.6846

■ 55.9698, -17.2671,
-31.0987

■ 60.1092, -19.0758,
-24.0838

■ 54.1742, -15.4609,
-34.3374

■ 62.4781, -18.9067,
-20.3163

■ 65.0481, -18.0250,
-16.4065

■ 67.8146, -16.4616,
-12.3829

■ 70.7702, -14.2601,
-8.2729

■ 73.9060, -11.4711,
-4.1010

■ 77.2124, -8.1475,
0.1116

■ 80.6791, -4.3418,
4.3480

■ 84.2965, -0.1039,
8.5946

Harmonies

Analogous

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



57.9418, -27.8769, -12.4216



57.9408, -18.5225, -27.6846



57.9418, -4.1297, -34.5025

Triad

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



57.9418, -18.5222, -27.6835



57.9418, 31.0674, 2.1572



57.9418, -16.9064, 23.5304

Complementary

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



57.9408, -18.5225, -27.6846



45.1212, 41.5142, 25.6500

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.



57.9418, -2.0524, 25.4833



57.9408, -18.5225, -27.6846



57.9418, 26.7110, 15.3318

Square

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



57.9418, -18.5222, -27.6835



57.9418, 25.4758, -14.6093



57.9418, 14.1375, 22.9389



57.9418, -27.0178, 16.6251

Rectangle

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



57.9408, -18.5225, -27.6846



57.9418, 6.7866, -32.2494



57.9418, 14.1375, 22.9389



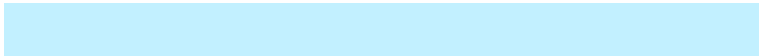
57.9418, -12.3553, 24.6891

Sweetspot

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



57.9418, -18.5222, -27.6835



89.9218, -15.7391, -7.2458



69.0525, -54.2732, 34.8402



40.9580, -7.8465, -4.2127

0.0000, NaN, NaN



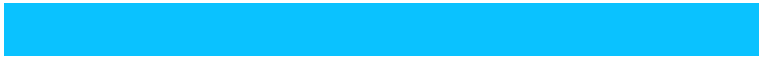
46.2646, -2.4686, 2.5136

Same Dimension

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



57.9418, -18.5222, -27.6835



67.7791, -19.8424, -41.3407



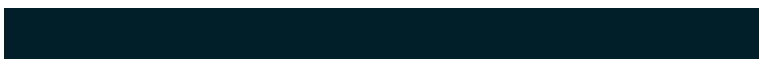
34.6768, 22.3350, -83.6134



35.9007, -3.6630, 0.1859



42.2859, -12.2973, -26.3074



10.5877, -3.7278, -5.1865

Inverse Universe

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



42.8611, 70.1485, -24.2866



50.3821, 92.8964, -27.5013



64.2389, 1.2513, 37.5825



34.5785, 2.3628, -0.1837



31.4267, 58.6511, -17.1492



7.5131, 14.1593, -5.1681

Previews

White Background



This preview shows how the HunterLab color 57.9408, -18.5225, -27.6846 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 57.9408, -18.5225, -27.6846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

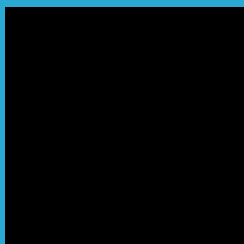
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

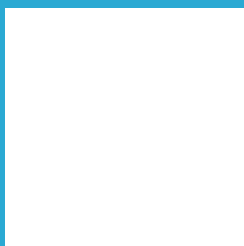
Any Text WCAG AAA ✓ Pass

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

HunterLab 57.9408, -18.5225, -27.6846 Background



This preview shows how black text looks on a background with the HunterLab color 57.9408, -18.5225, -27.6846.



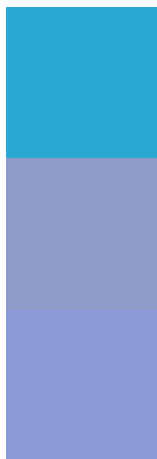
This preview shows how white text looks on a background with the HunterLab color 57.9408,

-18.5225, -27.6846.

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

57.9408, -18.5225, -27.6846

Protanopia

57.6287, 2.8592, -20.6583

Deuteranopia

57.7372, 4.5003, -30.3628



Tritanopia

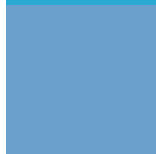
57.8576, -27.4746, -13.0071

Trichromacy



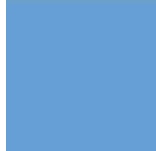
Original Color

57.9408, -18.5225, -27.6846



Protanomaly

56.8170, -7.1885, -24.7287



Deuteranomaly

56.9878, -5.7135, -31.1728



Tritanomaly

57.9587, -24.7002, -18.1427

Monochromacy



Original Color

57.9408, -18.5225, -27.6846



Achromatopsia

49.6187, -2.6475, 2.6959



Achromatomaly

51.6226, -11.9161, -8.1959

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.9408, -18.5225, -27.6846 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(42, 169, 211)` looks like.

```
.text, #text, p{  
    color:rgb(42, 169, 211)  
}
```

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(42, 169, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 169, 211) }
```

Border

The CSS property to change the border of an element to HunterLab 57.9408, -18.5225, -27.6846 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(42, 169, 211) }
```


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

```
.border{ border-color:rgb(42, 169, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 169, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 169, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 169, 211);  
box-shadow:4px 4px 4px 4px rgb(42, 169,  
211) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.9408, -18.5225, -27.6846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 169, 211) }
```

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

```
.background{ background-color: rgb(42, 169,  
211) }
```

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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