

Converting Colors

HunterLab(54.9385, -40.6710,
-22.9237)

Have a look what the booklet for
HunterLab(54.9385, -40.6710,
-22.9237) contains.

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Color

**HunterLab(58.5300,
-25.8801, -17.2898)**

Conversions

Conversions Part 1

Format	Color
Hex	00AEC4
RGB	0, 174, 196
RGB Percent	0%, 68%, 77%
CMY	0.9998, 0.3176, 0.2314
CMYK	1.00, 0.11, 0.00, 0.23
HSL	187°, 100%, 38%
HSV	187°, 100%, 77%
XYZ	25.0998, 34.2576, 57.5140
YIQ	124.4820, -110.7660, -30.0460

Conversions

Conversions Part 2

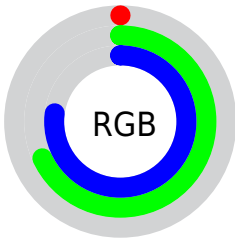
Format	Color
RYB	0, 92, 196
Decimal	44740
CIELab	65.17, -29.07, -21.73
CIELCh	65, 36.293, 216.777
Yxy	34.2588, 0.2148, 0.2931
Android (android.graphics.Color)	4278234820 (0xFF00AEC4)
YUV	124.4820, 35.2584, -109.1707
Hunter-Lab	58.5300, -25.8801, -17.2898

Details

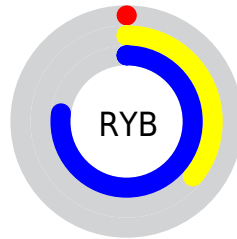
The HunterLab color **58.5300, -25.8801, -17.2898** is a dark color, and the websafe version is hex **009999**. The color can be described as dark washed azure. A complement of this color would be **35.0875, 55.8746, 22.5970**, and the grayscale version is **44.9862, -2.4004, 2.4442**.

A 20% lighter version of the original color is **81.5182, -30.1213, -17.8852**, and **39.5319, -16.2618, -14.3070** is the 20% darker color. If you saturate the color by 10%, you get **58.5293, -25.8789, -17.2915**, and if you desaturate by 10%, it is **59.3808, -26.3301, -16.0161**.

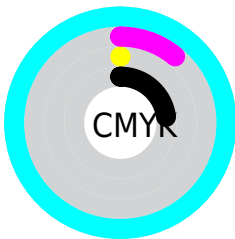
Distribution



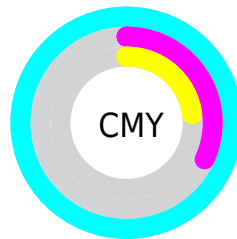
- Red (0%)
- Green (68%)
- Blue (77%)



- Red (0%)
- Yellow (36%)
- Blue (77%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (32%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.5300, -25.8801, -17.2898 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 58.5300, -25.8801, -17.2898 by changing the saturation by 10% instead.

■ 58.5300, -25.8801,
-17.2898

■ 58.5300, -25.8801,
-17.2898

179.2442,
-44.1224, -17.7305

■ 48.0547, -23.6181,
-16.9558

■ 81.4469, -30.1843,
-17.7659

■ 38.2908, -21.2515,
-16.5591

■ 93.8166, -32.2580,
-17.9147

■ 29.2957, -18.7417,
-16.1043

■ 106.7560,
-34.2938, -18.0078

■ 21.1419, -16.0277,
-15.6127

■ 120.2410,
-36.2993, -18.0479

■ 13.9273, -13.0031,
-15.1530

■ 134.2503,
-38.2805, -18.0378

■ 7.5636, -13.2362,
-15.7646

148.7650,

0.0000, NaN, -NF

-40.2422, -17.9801

0.0000, NaN, NaN

163.7681,
-42.1885, -17.8770

0.0000, NaN, NaN

■ 58.5300, -25.8801,
-17.2898

■ 58.5300, -25.8801,
-17.2898

■ 58.5293, -25.8789,
-17.2915

■ 59.3808, -26.3301,
-16.0161

■ 60.3515, -26.3185,
-14.5791

■ 61.4794, -25.7085,
-12.9321

■ 62.7774, -24.4592,
-11.0691

■ 64.2527, -22.5566,
-8.9941

■ 65.9086, -20.0075,
-6.7184

■ 67.7450, -16.8347,
-4.2577

■ 69.7594, -13.0727,
-1.6307

■ 71.9473, -8.7636,
1.1427

Harmonies

Analogous

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



58.5311, -30.7618, -0.3901



58.5300, -25.8801, -17.2898



58.5311, -14.8206, -30.7806

Triad

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



58.5311, -25.8799, -17.2889



58.5311, 28.0674, -9.6322



58.5311, -6.7284, 25.5063

Complementary

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



58.5300, -25.8801, -17.2898



35.0875, 55.8746, 22.5970

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.



58.5311, 9.5652, 24.2750



58.5300, -25.8801, -17.2898



58.5311, 30.8319, 6.5498

Square

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



58.5311, -25.8799, -17.2889



58.5311, 16.5489, -25.5915



58.5311, 23.7411, 18.1953



58.5311, -20.5031, 22.1806

Rectangle

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



58.5300, -25.8801, -17.2898



58.5311, -4.8539, -34.4219



58.5311, 23.7411, 18.1953



58.5311, -1.3783, 25.5937

Sweetspot

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



58.5311, -25.8799, -17.2889



91.0531, -22.8872, -5.8988



62.8727, -53.6328, 37.1947



41.6243, -11.4732, -3.3963

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.5311, -25.8799, -17.2889



78.6232, -34.6359, -23.5031



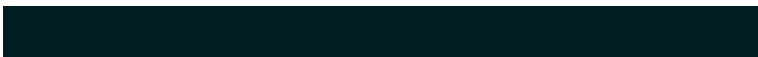
30.8142, 19.7541, -81.1537



33.5098, -3.9419, 0.6130



47.0005, -20.8514, -13.7344



10.0525, -4.6905, -2.4393

Inverse Universe

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



38.4615, 73.8062, -36.7401



51.7412, 99.2601, -49.1367



49.6012, 18.2759, 30.8826



31.9803, 2.3450, -0.6853



30.8420, 59.2100, -29.6216



6.4549, 12.4615, -6.7383

Previews

White Background



This preview shows how the HunterLab color 58.5300, -25.8801, -17.2898 looks on a white background.

Color Contrast Check

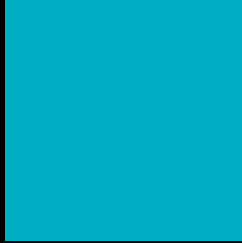
Large Text (above 18pt) WCAG AA × Fail

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 58.5300, -25.8801, -17.2898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

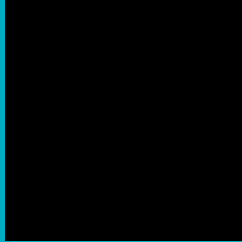
Any Text WCAG AA ✓ Pass

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 58.5300, -25.8801, -17.2898 Background



This preview shows how black text looks on a background with the HunterLab color 58.5300, -25.8801, -17.2898.



This preview shows how white text looks on a background with the HunterLab color 58.5300, -25.8801, -17.2898.

-25.8801, -17.2898.

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

58.5300, -25.8801, -17.2898

Protanopia

58.2349, 0.7388, -10.2720

Deuteranopia

58.1080, 4.4705, -19.8710



Tritanopia

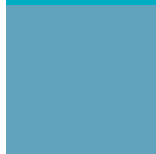
58.5953, -27.8603, -13.0965

Trichromacy



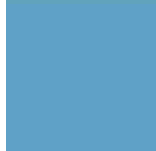
Original Color

58.5300, -25.8801, -17.2898



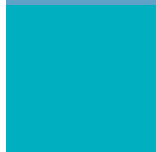
Protanomaly

56.8917, -14.5203, -14.7804



Deuteranomaly

56.6093, -11.4928, -21.9103



Tritanomaly

58.7075, -27.1988, -14.6648

Monochromacy



Original Color

58.5300, -25.8801, -17.2898



Achromatopsia

44.8950, -2.3955, 2.4392



Achromatomaly

48.1770, -16.1271, -6.1058

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.5300, -25.8801, -17.2898 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, 174, 196)` looks like.

```
.text, #text, p{  
    color:rgb(0, 174, 196)  
}
```

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, 174, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 174, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 58.5300, -25.8801, -17.2898 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, 174, 196) }
```


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

```
.border{ border-color:rgb(0, 174, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 174, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 174, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 174, 196);  
box-shadow:4px 4px 4px 4px rgb(0, 174,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.5300, -25.8801, -17.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 174, 196) }
```

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

```
.background{ background-color: rgb(0, 174,  
196) }
```

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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