

Converting Colors

HunterLab(42.3865, -25.3937,
1.8383)

Have a look what the booklet for
HunterLab(42.3865, -25.3937,
1.8383) contains.

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Color

**HunterLab(42.5242,
-25.4835, 1.8600)**

Conversions

Conversions Part 1

Format	Color
Hex	008576
RGB	0, 133, 118
RGB Percent	0%, 52%, 46%
CMY	0.9999, 0.4784, 0.5373
CMYK	1.00, 0.00, 0.11, 0.48
HSL	173°, 100%, 26%
HSV	173°, 100%, 52%
XYZ	11.6576, 18.0831, 20.0155
YIQ	91.5230, -74.4530, -32.8610

Conversions

Conversions Part 2

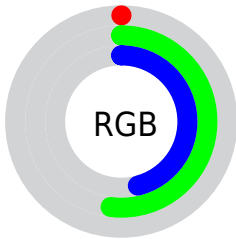
Format	Color
RYB	0, 70, 133
Decimal	34166
CIELab	49.60, -34.32, -0.62
CIELCh	50, 34.326, 181.036
Yxy	18.0838, 0.2343, 0.3634
Android (android.graphics.Color)	4278224246 (0xFF008576)
YUV	91.5230, 13.0532, -80.2657
Hunter-Lab	42.5242, -25.4835, 1.8600

Details

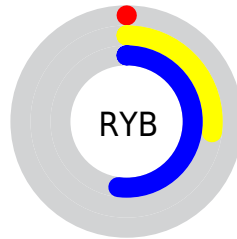
The HunterLab color **42.5242, -25.4835, 1.8600** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **22.4088, 38.5265, 13.2855**, and the grayscale version is **32.5129, -1.7348, 1.7665**.

A 20% lighter version of the original color is **63.4325, -30.7913, 3.0011**, and **25.4495, -15.6199, 1.9093** is the 20% darker color. If you saturate the color by 10%, you get **42.5249, -25.4843, 1.8610**, and if you desaturate by 10%, it is **42.6704, -24.8156, 1.3885**.

Distribution



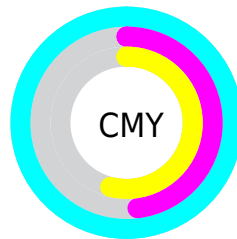
- Red (0%)
- Green (52%)
- Blue (46%)



- Red (0%)
- Yellow (27%)
- Blue (52%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (48%)



- Cyan (100%)
- Magenta (48%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.5242, -25.4835, 1.8600 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 42.5242, -25.4835, 1.8600 by changing the saturation by 10% instead.

■ 42.5242, -25.4835,
1.8600

■ 42.5242, -25.4835,
1.8600

■ 155.3521,
-46.7250, 7.7588

■ 33.1815, -22.6607,
1.3875

■ 63.3877, -30.6918,
2.9321

■ 24.6448, -19.6181,
0.9618

■ 74.8140, -33.1436,
3.5249

■ 16.9998, -16.2555,
0.5892

■ 86.8548, -35.5223,
4.1526

■ 10.3660, -15.1777,
0.2781

■ 99.4800, -37.8424,
4.8134

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.6639,
-40.1149, 5.5057

0.0000, NaN, NaN

■ 126.3836,

0.0000, NaN, NaN

-42.3486, 6.2281

0.0000, NaN, NaN

140.6190,
-44.5501, 6.9795

■ 42.5242, -25.4835,
1.8600

■ 42.5242, -25.4835,
1.8600

■ 42.5249, -25.4843,
1.8610

■ 42.6704, -24.8156,
1.3885

■ 42.8765, -23.9067,
0.9872

■ 43.1771, -22.6282,
0.7015

■ 43.5817, -20.9525,
0.5453

■ 44.0969, -18.8666,
0.5284

■ 44.7275, -16.3695,
0.6571

■ 45.4759, -13.4709,
0.9338

■ 46.3434, -10.1890,
1.3578

■ 47.3295, -6.5489,
1.9258

Harmonies

Analogous

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



42.5250, -22.9058, 12.7276



42.5242, -25.4835, 1.8600



42.5250, -22.5255, -12.6943

Triad

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



42.5250, -25.4837, 1.8605



42.5250, 12.1418, -25.1559



42.5250, 11.2163, 18.8911

Complementary

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



42.5242, -25.4835, 1.8600



22.4088, 38.5265, 13.2855

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.



42.5250, 22.6670, 13.2907



42.5242, -25.4835, 1.8600



42.5250, 23.2470, -11.6564

Square

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



42.5250, -25.4837, 1.8605



42.5250, -1.7953, -31.0285



42.5250, 27.3190, 2.7640



42.5250, -2.7452, 20.4900

Rectangle

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



42.5242, -25.4835, 1.8600



42.5250, -17.5657, -22.0680



42.5250, 27.3190, 2.7640



42.5250, 15.5460, 17.5245

Sweetspot

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



42.5250, -25.4837, 1.8605



60.7807, -18.3118, 1.2176



41.0874, -34.5688, 24.7121



28.6728, -9.3721, 0.5066



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



42.5250, -25.4837, 1.8605



56.8934, -34.1795, 2.6719



27.8059, -2.0997, -30.2205



22.9566, -3.0102, 0.9593



41.5032, -24.8662, 1.8036



2.4559, -1.3852, -0.0793

Inverse Universe

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



22.4088, 38.5265, 13.2855



29.9647, 51.4789, 18.0962



27.1178, 24.0074, 17.1293



21.6717, 0.7234, 1.5120



21.8708, 37.6079, 12.9431



1.3071, 2.2867, 0.4708

Previews

White Background



This preview shows how the HunterLab color 42.5242, -25.4835, 1.8600 looks on a white background.

Color Contrast Check

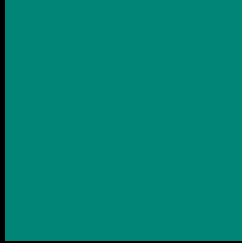
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 42.5242, -25.4835, 1.8600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

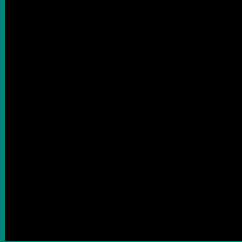
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 42.5242, -25.4835, 1.8600 Background



This preview shows how black text looks on a background with the HunterLab color 42.5242, -25.4835, 1.8600.



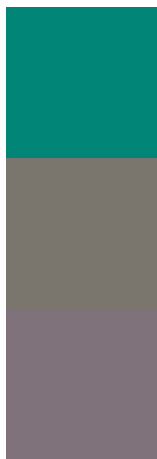
This preview shows how white text looks on a background with the HunterLab color 42.5242, -25.4835, 1.8600.

-25.4835, 1.8600.

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

42.5242, -25.4835, 1.8600

Protanopia

42.3843, -1.9558, 5.8440

Deuteranopia

42.3696, 2.8764, 0.3929



Tritanopia

42.6803, -18.6088, -8.4930

Trichromacy



Original Color

42.5242, -25.4835, 1.8600

Protanomaly

41.1770, -15.0576, 3.0372

Deuteranomaly

40.9934, -12.1624, -1.1159

Tritanomaly

42.5078, -21.4278, -4.6303

Monochromacy



Original Color

42.5242, -25.4835, 1.8600

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

35.1920, -13.8554, 0.7000

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.5242, -25.4835, 1.8600 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, 133, 118)` looks like.

```
.text, #text, p{  
    color:rgb(0, 133, 118)  
}
```

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, 133, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 133, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 42.5242, -25.4835, 1.8600 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, 133, 118) }
```


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

```
.border{ border-color:rgb(0, 133, 118) }
```

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

Here you see how a box with a 4 pixel rgb(0, 133, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 133, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 133, 118);  
box-shadow:4px 4px 4px 4px rgb(0, 133,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.5242, -25.4835, 1.8600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 133, 118) }
```

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

```
.background{ background-color: rgb(0, 133,  
118) }
```

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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