

Converting Colors

HunterLab(51.3918, -27.7377,
-1.5839)

Have a look what the booklet for
HunterLab(51.3918, -27.7377,
-1.5839) contains.

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Color

**HunterLab(51.5219,
-27.8415, -1.4606)**

Conversions

Conversions Part 1

Format	Color
Hex	1D9D95
RGB	29, 157, 149
RGB Percent	11%, 62%, 58%
CMY	0.8862, 0.3843, 0.4157
CMYK	0.82, 0.00, 0.05, 0.38
HSL	176°, 69%, 36%
HSV	176°, 82%, 62%
XYZ	17.9885, 26.5451, 32.6093
YIQ	117.8160, -73.7200, -29.6240

Conversions

Conversions Part 2

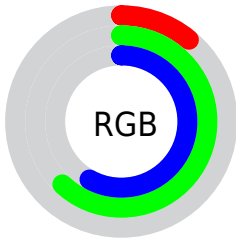
Format	Color
R_{YB}	29, 95, 157
Decimal	1940885
CIE _{Lab}	58.55, -34.27, -5.27
CIE _{LCh}	59, 34.673, 188.749
Yxy	26.5461, 0.2332, 0.3441
Android (android.graphics.Color)	4280130965 (0xFF1D9D95)
YUV	117.8160, 15.3737, -77.8916
Hunter-Lab	51.5219, -27.8415, -1.4606

Details

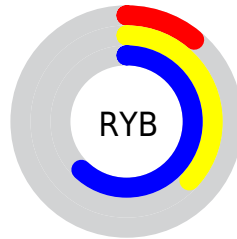
The HunterLab color **51.5219, -27.8415, -1.4606** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **28.6028, 41.5505, 14.7224**, and the grayscale version is **42.4568, -2.2654, 2.3068**.

A 20% lighter version of the original color is **73.5197, -32.8328, -0.8367**, and **33.1436, -18.9221, -0.5793** is the 20% darker color. If you saturate the color by 10%, you get **51.3239, -28.6932, -1.2517**, and if you desaturate by 10%, it is **51.8339, -26.5518, -1.5213**.

Distribution



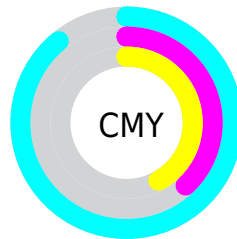
- Red (11%)
- Green (62%)
- Blue (58%)



- Red (11%)
- Yellow (37%)
- Blue (62%)



- Cyan (82%)
- Magenta (0%)
- Yellow (5%)
- Black (38%)



- Cyan (89%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.5219, -27.8415, -1.4606 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 51.5219, -27.8415, -1.4606 by changing the saturation by 10% instead.

51.5219, -27.8415,
-1.4606

51.5219, -27.8415,
-1.4606

168.9534,
-48.5973, 3.0002

41.5122, -25.1667,
-1.7335

73.5898, -32.8513,
-0.7559

32.2498, -22.3279,
-1.9468

85.5678, -35.2341,
-0.3340

23.8018, -19.2618,
-2.0917

98.1332, -37.5571,
0.1299

16.2562, -15.8622,
-2.1564

111.2597,
-39.8318, 0.6332

9.7373, -15.8804,
-2.1244

124.9244,
-42.0667, 1.1737

0.0000, NaN, -NF

0.0000, NaN, NaN

139.1067,

-44.2690, 1.7495

0.0000, NaN, NaN

153.7886,
-46.4444, 2.3588

0.0000, NaN, NaN

■ 51.5219, -27.8415,
-1.4606

■ 51.5219, -27.8415,
-1.4606

■ 51.3239, -28.6932,
-1.2517

■ 51.8339, -26.5518,
-1.5213

■ 51.2125, -29.1888,
-1.0010

■ 52.2699, -24.7824,
-1.4183

■ 52.8403, -22.5112,
-1.1395

■ 53.5517, -19.7316,
-0.6785

■ 54.4080, -16.4512,
-0.0335

■ 55.4113, -12.6889,
0.7929

■ 56.5615, -8.4730,
1.7946

■ 57.8569, -3.8384,
2.9630

■ 59.2946, 1.1758,
4.2871

Harmonies

Analogous

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



51.5229, -26.5602, 11.6378



51.5219, -27.8415, -1.4606



51.5229, -23.0145, -17.0474

Triad

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



51.5229, -27.8417, -1.4599



51.5229, 16.1815, -22.9136



51.5229, 7.9102, 22.1126

Complementary

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



51.5219, -27.8415, -1.4606



28.6028, 41.5505, 14.7224

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.



51.5229, 21.2246, 16.9675



51.5219, -27.8415, -1.4606



51.5229, 26.3603, -7.9365

Square

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



51.5229, -27.8417, -1.4599



51.5229, 1.6230, -31.5220



51.5229, 28.3027, 6.7330



51.5229, -6.9855, 22.9456

Rectangle

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



51.5219, -27.8415, -1.4606



51.5229, -16.6248, -25.9210



51.5229, 28.3027, 6.7330



51.5229, 12.7645, 20.9170

Sweetspot

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



51.5229, -27.8417, -1.4599



73.7377, -18.5253, 0.7112



49.6054, -39.8077, 28.4796



34.3798, -9.4759, 0.1604



88.7363, -4.7347, 4.8212



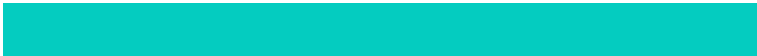
36.4511, -1.9449, 1.9805

Same Dimension

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



51.5229, -27.8417, -1.4599



68.5535, -38.9817, -1.3208



34.7967, -2.9319, -32.9630



27.3904, -3.5927, 0.9858



46.1548, -26.2917, -0.9333



6.1873, -3.4220, -0.3466

Inverse Universe

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



28.6028, 41.5505, 14.7224



36.0071, 61.1398, 22.4128



36.9749, 18.9763, 21.2511



25.7925, 0.8785, 1.9568



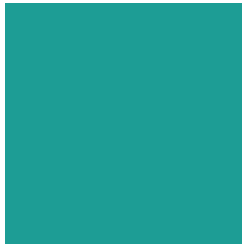
24.1689, 41.4710, 14.9899



3.2587, 5.6450, 1.6071

Previews

White Background



This preview shows how the HunterLab color 51.5219, -27.8415, -1.4606 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 51.5219, -27.8415, -1.4606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

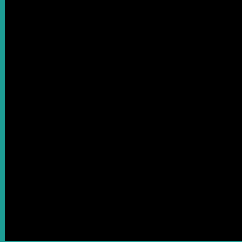
Any Text WCAG AA ✓ Pass

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 51.5219, -27.8415, -1.4606 Background



This preview shows how black text looks on a background with the HunterLab color 51.5219, -27.8415, -1.4606.



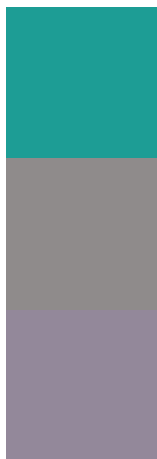
This preview shows how white text looks on a background with the HunterLab color 51.5219,

-27.8415, -1.4606.

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

51.5219, -27.8415, -1.4606

Protanopia

51.1556, -1.5190, 3.1851

Deuteranopia

51.1317, 3.6226, -3.8793



Tritanopia

51.4166, -22.0413, -10.8607

Trichromacy



Original Color

51.5219, -27.8415, -1.4606



Protanomaly

50.3644, -14.7156, 0.1847



Deuteranomaly

50.1563, -11.7928, -4.4157



Tritanomaly

51.3927, -24.2815, -7.1254

Monochromacy



Original Color

51.5219, -27.8415, -1.4606



Achromatopsia

42.5634, -2.2711, 2.3126



Achromatomaly

44.7950, -14.4291, -0.1395

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.5219, -27.8415, -1.4606 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(29, 157, 149)` looks like.

```
.text, #text, p{  
    color:rgb(29, 157, 149)  
}
```

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(29, 157, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 157, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 51.5219, -27.8415, -1.4606 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(29, 157, 149) }
```


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

```
.border{ border-color:rgb(29, 157, 149) }
```

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

Here you see how a box with a 4 pixel rgb(29, 157, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 157, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 157, 149);  
box-shadow:4px 4px 4px 4px rgb(29, 157,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.5219, -27.8415, -1.4606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 157, 149) }
```

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

```
.background{ background-color: rgb(29, 157,  
149) }
```

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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