

Converting Colors

HunterLab(51.9253, -29.3186,
4.5451)

Have a look what the booklet for
HunterLab(51.9253, -29.3186,
4.5451) contains.

HunterLab(51.8080, -29.0982, 4.3296)	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(51.8080,
-29.0982, 4.3296)**

Conversions

Conversions Part 1

Format	Color
Hex	2E9E89
RGB	46, 158, 137
RGB Percent	18%, 62%, 54%
CMY	0.8196, 0.3804, 0.4627
CMYK	0.71, 0.00, 0.13, 0.38
HSL	169°, 55%, 40%
HSV	169°, 71%, 62%
XYZ	17.8689, 26.8407, 27.9059
YIQ	122.1180, -60.0110, -30.2750

Conversions

Conversions Part 2

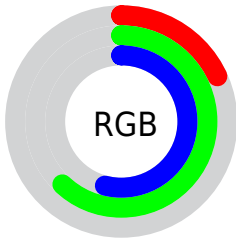
Format	Color
R_{YB}	46, 108, 158
Decimal	3055241
CIE _{Lab}	58.83, -36.10, 1.97
CIE _{LCh}	59, 36.149, 176.873
Y _{xy}	26.8417, 0.2461, 0.3696
Android (android.graphics.Color)	4281245321 (0xFF2E9E89)
YUV	122.1180, 7.3368, -66.7555
Hunter-Lab	51.8080, -29.0982, 4.3296

Details

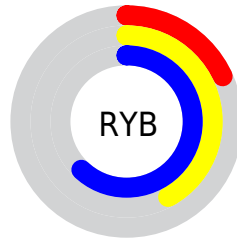
The HunterLab color **51.8080, -29.0982, 4.3296** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **31.0307, 38.2607, 9.6428**, and the grayscale version is **44.1517, -2.3558, 2.3988**.

A 20% lighter version of the original color is **73.8203, -34.2224, 5.7622**, and **33.1605, -21.0270, 3.9434** is the 20% darker color. If you saturate the color by 10%, you get **51.4354, -30.7572, 5.1411**, and if you desaturate by 10%, it is **52.3114, -26.9418, 3.6573**.

Distribution



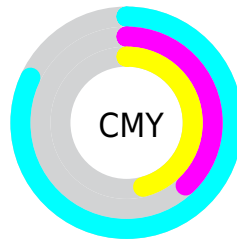
- Red (18%)
- Green (62%)
- Blue (54%)



- Red (18%)
- Yellow (42%)
- Blue (62%)



- Cyan (71%)
- Magenta (0%)
- Yellow (13%)
- Black (38%)



- Cyan (82%)
- Magenta (38%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8080, -29.0982, 4.3296 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 51.8080, -29.0982, 4.3296 by changing the saturation by 10% instead.

■ 51.8080, -29.0982,
4.3296

■ 51.8080, -29.0982,
4.3296

169.3783,
-50.6582, 11.4798

■ 41.7785, -26.3042,
3.6764

■ 73.9120, -34.3217,
5.7287

■ 32.4946, -23.3347,
3.0542

■ 85.9065, -36.8015,
6.4713

■ 24.0232, -20.1232,
2.4645

■ 98.4877, -39.2163,
7.2416

■ 16.4512, -16.5589,
1.9076

■ 111.6294,
-41.5782, 8.0387

■ 9.9018, -16.4680,
1.3852

■ 125.3086,
-43.8966, 8.8618

0.0000, NaN, NaN

139.5050,

0.0000, NaN, NaN

-46.1788, 9.7101

0.0000, NaN, NaN

154.2003,
-48.4311, 10.5830

0.0000, NaN, NaN

■ 51.8080, -29.0982,
4.3296

■ 51.8080, -29.0982,
4.3296

■ 51.4354, -30.7572,
5.1411

■ 52.3114, -26.9418,
3.6573

■ 51.1781, -31.9547,
6.0689

■ 52.9515, -24.2697,
3.1388

■ 51.0127, -32.7674,
6.9739

■ 53.7353, -21.0814,
2.7868

■ 54.6663, -17.3900,
2.6090

■ 55.7458, -13.2200,
2.6088

■ 56.9732, -8.6044,
2.7862

■ 58.3463, -3.5820,
3.1378

■ 59.8616, 1.8053,
3.6574

■ 61.5147, 7.5142,
4.3369

Harmonies

Analogous

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



51.8090, -25.2678, 15.9519



51.8080, -29.0982, 4.3296



51.8090, -26.5824, -11.5659

Triad

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



51.8090, -29.0985, 4.3302



51.8090, 11.2805, -29.0486



51.8090, 14.3937, 21.2723

Complementary

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



51.8080, -29.0982, 4.3296



31.0307, 38.2607, 9.6428

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.



51.8090, 26.3194, 13.9869



51.8080, -29.0982, 4.3296



51.8090, 24.3798, -15.0170

Square

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



51.8090, -29.0985, 4.3302



51.8090, -4.3693, -33.8394



51.8090, 30.1694, 1.2631



51.8090, -1.1453, 23.7712

Rectangle

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



51.8080, -29.0982, 4.3296



51.8090, -21.4627, -22.1815



51.8090, 30.1694, 1.2631



51.8090, 19.0243, 19.4293

Sweetspot

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



51.8090, -29.0985, 4.3302



75.0395, -18.1263, 3.5096



50.8875, -35.9716, 27.7148



35.4432, -9.3219, 1.6570



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



51.8090, -29.0985, 4.3302



69.0945, -42.4510, 7.6332



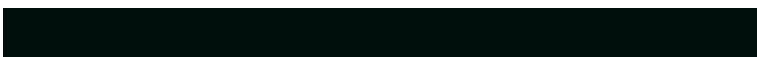
41.9121, -11.3492, -20.1343



27.3645, -3.7367, 1.3551



45.6579, -29.2880, 6.1561



6.1465, -3.6669, 0.2332

Inverse Universe

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



31.0307, 38.2607, 9.6428



38.1429, 59.6917, 17.0310



36.2577, 22.3787, 18.5060



25.8176, 1.0135, 1.5991



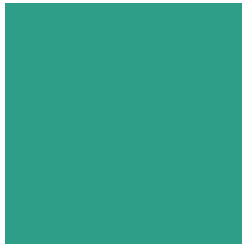
24.2897, 41.9184, 13.2029



3.3224, 5.8789, 0.6799

Previews

White Background



This preview shows how the HunterLab color 51.8080, -29.0982, 4.3296 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 51.8080, -29.0982, 4.3296 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

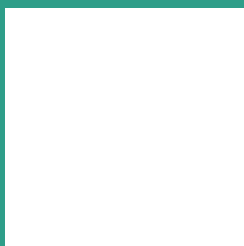
Any Text WCAG AAA × Fail

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

HunterLab 51.8080, -29.0982, 4.3296 Background



This preview shows how black text looks on a background with the HunterLab color 51.8080, -29.0982, 4.3296.



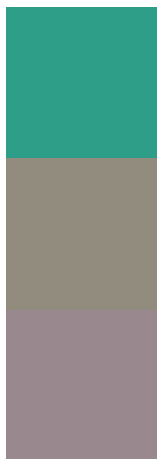
This preview shows how white text looks on a background with the HunterLab color 51.8080,

-29.0982, 4.3296.

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

51.8080, -29.0982, 4.3296

Protanopia

51.3804, -2.8450, 8.4409

Deuteranopia

51.3163, 3.5001, 2.1145



Tritanopia

51.8232, -20.5523, -9.7009

Trichromacy



Original Color

51.8080, -29.0982, 4.3296

Protanomaly

50.8145, -15.2945, 5.9897

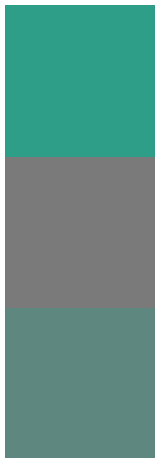
Deuteranomaly

50.4156, -11.5872, 1.6848

Tritanomaly

51.6236, -23.7159, -4.2205

Monochromacy



Original Color

51.8080, -29.0982, 4.3296

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

46.0868, -14.3795, 2.3158

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8080, -29.0982, 4.3296 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(46, 158, 137)` looks like.

```
.text, #text, p{  
    color:rgb(46, 158, 137)  
}
```

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(46, 158, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 158, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8080, -29.0982, 4.3296 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(46, 158, 137) }
```


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

```
.border{ border-color:rgb(46, 158, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 158, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 158, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 158, 137);  
box-shadow:4px 4px 4px 4px rgb(46, 158,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8080, -29.0982, 4.3296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 158, 137) }
```

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

```
.background{ background-color: rgb(46, 158,  
137) }
```

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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