

Converting Colors

HunterLab(51.9003, -28.5411,
15.2013)

Have a look what the booklet for
HunterLab(51.9003, -28.5411,
15.2013) contains.

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Color

**HunterLab(51.8673,
-28.5733, 15.2424)**

Conversions

Conversions Part 1

Format	Color
Hex	509D6C
RGB	80, 157, 108
RGB Percent	31%, 62%, 42%
CMY	0.6863, 0.3843, 0.5765
CMYK	0.49, 0.00, 0.31, 0.38
HSL	142°, 32%, 46%
HSV	142°, 49%, 62%
XYZ	18.0720, 26.9022, 18.4276
YIQ	128.3910, -30.1630, -31.5630

Conversions

Conversions Part 2

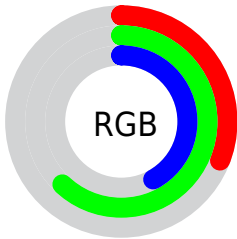
Format	Color
R_{YB}	80, 136, 157
Decimal	5283180
CIE _{Lab}	58.88, -35.26, 18.48
CIE _{LCh}	59, 39.811, 152.338
Yxy	26.9033, 0.2850, 0.4243
Android (android.graphics.Color)	4283473260 (0xFF509D6C)
YUV	128.3910, -10.0528, -42.4389
Hunter-Lab	51.8673, -28.5733, 15.2424

Details

The HunterLab color $51.8673, -28.5733, 15.2424$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $38.0670, 30.6187, -8.3566$, and the grayscale version is $46.6620, -2.4898, 2.5352$.

A 20% lighter version of the original color is $73.9550, -33.5514, 18.3205$, and $32.5576, -22.9943, 11.8742$ is the 20% darker color. If you saturate the color by 10%, you get $51.0854, -32.1072, 17.5023$, and if you desaturate by 10%, it is $52.8143, -24.4253, 12.8777$.

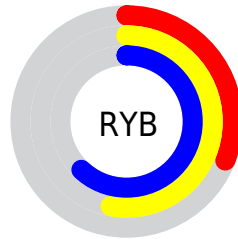
Distribution



Red (31%)

Green (62%)

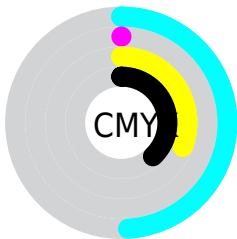
Blue (42%)



Red (31%)

Yellow (53%)

Blue (62%)

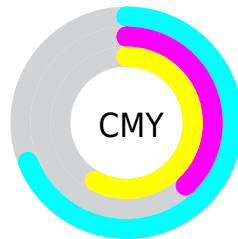


Cyan (49%)

Magenta (0%)

Yellow (31%)

Black (38%)



Cyan (69%)

Magenta (38%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8673, -28.5733, 15.2424 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 51.8673, -28.5733, 15.2424 by changing the saturation by 10% instead.

■ 51.8673, -28.5733,
15.2424

■ 51.8673, -28.5733,
15.2424

169.4664,
-49.7570, 29.2049

■ 41.8337, -25.8369,
13.5728

■ 73.9788, -33.6959,
18.4536

■ 32.5454, -22.9308,
11.8343

■ 85.9768, -36.1300,
20.0180

■ 24.0691, -19.7909,
9.9958

■ 98.5613, -38.5019,
21.5657

■ 16.4917, -16.3095,
8.0053

■ 111.7061,
-40.8230, 23.1020

■ 9.9360, -16.0568,
6.9552

■ 125.3883,
-43.1025, 24.6312

0.0000, NaN, NaN

139.5876,

0.0000, NaN, NaN

-45.3477, 26.1564

0.0000, NaN, NaN

154.2857,
-47.5642, 27.6803

0.0000, NaN, NaN

■ 51.8673, -28.5733,
15.2424

■ 51.8673, -28.5733,
15.2424

■ 51.0854, -32.1072,
17.5023

■ 52.8143, -24.4253,
12.8777

■ 50.4609, -35.0078,
19.6280

■ 53.9247, -19.6941,
10.4354

■ 49.9871, -37.2787,
21.5938

■ 55.1989, -14.4255,
7.9440

■ 49.6526, -38.9467,
23.3765

■ 56.6340, -8.6722,
5.4295

■ 49.4273, -40.1238,
24.9454

■ 58.2257, -2.4909,
2.9153

■ 49.4078, -40.2261,
25.0811

■ 59.9685, 4.0611,
0.4216

■ 61.8560, 10.9284,
-2.0352

■ 63.8812, 18.0593,
-4.4420

■ 66.0368, 25.4074,
-6.7891

Harmonies

Analogous

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



51.8684, -19.0640, 22.7678



51.8673, -28.5733, 15.2424



51.8684, -31.4596, 1.5435

Triad

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



51.8684, -28.5740, 15.2429



51.8684, -1.4351, -38.6393



51.8684, 27.7069, 16.8095

Complementary

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



51.8673, -28.5733, 15.2424



38.0670, 30.6187, -8.3566

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.



51.8684, 33.9375, 4.0713



51.8673, -28.5733, 15.2424



51.8684, 15.8215, -30.7570

Square

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



51.8684, -28.5740, 15.2429



51.8684, -17.0377, -32.7852



51.8684, 29.3342, -13.7131



51.8684, 13.2281, 23.4472

Rectangle

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



51.8673, -28.5733, 15.2424



51.8684, -29.5825, -10.3829



51.8684, 29.3342, -13.7131



51.8684, 30.9136, 13.2702

Sweetspot

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



51.8684, -28.5740, 15.2429



74.5644, -16.4848, 9.3688



54.2625, -20.2221, 24.7894



34.8060, -8.4244, 4.7022



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.



51.8684, -28.5740, 15.2429



68.2619, -43.4314, 23.7417



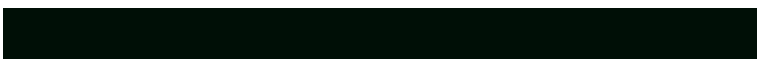
52.8004, -23.0578, 1.8452



27.2744, -4.2384, 2.6414



44.5334, -36.2051, 22.4936



6.0198, -4.4389, 2.0581

Inverse Universe

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



38.0670, 30.6187, -8.3566



46.5494, 50.4877, -12.9292



36.9741, 25.5069, 7.1577



25.9106, 1.5138, 0.2733



25.6417, 46.8492, -6.1989



3.5416, 6.6676, -2.3815

Previews

White Background



This preview shows how the HunterLab color 51.8673, -28.5733, 15.2424 looks on a white background.

Color Contrast Check

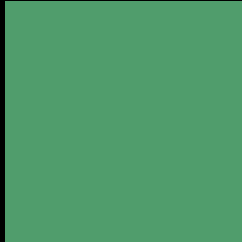
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.8673, -28.5733, 15.2424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

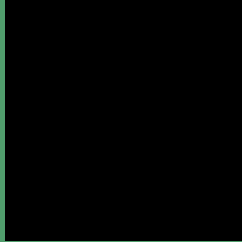
Any Text WCAG AA ✓ Pass

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 51.8673, -28.5733, 15.2424 Background



This preview shows how black text looks on a background with the HunterLab color 51.8673, -28.5733, 15.2424.



This preview shows how white text looks on a background with the HunterLab color 51.8673,

-28.5733, 15.2424.

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

51.8673, -28.5733, 15.2424

Protanopia

51.6379, -4.5600, 17.6028

Deuteranopia

51.3933, 3.6803, 13.7095



Tritanopia

51.7697, -14.5900, -7.5031

Trichromacy



Original Color

51.8673, -28.5733, 15.2424

Protanomaly

51.2860, -14.7928, 16.2026

Deuteranomaly

50.7732, -10.2274, 13.5456

Tritanomaly

51.8260, -20.4556, 2.2999

Monochromacy



Original Color

51.8673, -28.5733, 15.2424

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

48.1926, -13.0765, 7.2125

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8673, -28.5733, 15.2424 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(80, 157, 108)` looks like.

```
.text, #text, p{  
    color:rgb(80, 157, 108)  
}
```

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(80, 157, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 157, 108) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8673, -28.5733, 15.2424 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(80, 157, 108) }
```


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

```
.border{ border-color:rgb(80, 157, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 157, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 157, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 157, 108);  
box-shadow:4px 4px 4px 4px rgb(80, 157,  
108) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8673, -28.5733, 15.2424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 157, 108) }
```

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

```
.background{ background-color: rgb(80, 157,  
108) }
```

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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