

Converting Colors

HunterLab(51.9819, -27.5941,
8.7846)

Have a look what the booklet for
HunterLab(51.9819, -27.5941,
8.7846) contains.

HunterLab(51.9118, -27.5303, 8.5734)	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(51.9118,
-27.5303, 8.5734)**

Conversions

Conversions Part 1

Format	Color
Hex	469D7F
RGB	70, 157, 127
RGB Percent	27%, 62%, 50%
CMY	0.7255, 0.3843, 0.5020
CMYK	0.55, 0.00, 0.19, 0.38
HSL	159°, 38%, 45%
HSV	159°, 55%, 62%
XYZ	18.4135, 26.9483, 24.3097
YIQ	127.5670, -42.2220, -27.7740

Conversions

Conversions Part 2

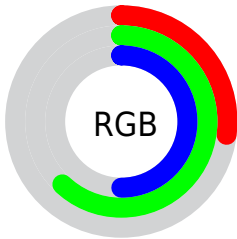
Format	Color
RYB	70, 123, 157
Decimal	4627839
CIELab	58.93, -33.65, 7.85
CIElCh	59, 34.550, 166.861
Yxy	26.9494, 0.2643, 0.3868
Android (android.graphics.Color)	4282817919 (0xFF469D7F)
YUV	127.5670, -0.2795, -50.4863
Hunter-Lab	51.9118, -27.5303, 8.5734

Details

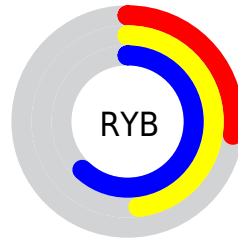
The HunterLab color **51.9118, -27.5303, 8.5734** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **35.3117, 31.1955, 2.0598**, and the grayscale version is **46.3048, -2.4707, 2.5158**.

A 20% lighter version of the original color is **73.9880, -32.3999, 10.4217**, and **32.6393, -21.9718, 6.6345** is the 20% darker color. If you saturate the color by 10%, you get **51.2860, -30.2955, 9.9406**, and if you desaturate by 10%, it is **52.6845, -24.2286, 7.3049**.

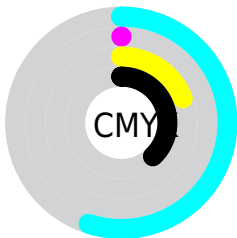
Distribution



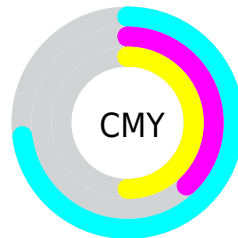
- Red (27%)
- Green (62%)
- Blue (50%)



- Red (27%)
- Yellow (48%)
- Blue (62%)



- Cyan (55%)
- Magenta (0%)
- Yellow (19%)
- Black (38%)



- Cyan (73%)
- Magenta (38%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.9118, -27.5303, 8.5734 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 51.9118, -27.5303, 8.5734 by changing the saturation by 10% instead.

■ 51.9118, -27.5303,
8.5734

■ 51.9118, -27.5303,
8.5734

169.5323,
-47.9912, 18.0483

■ 41.8751, -24.9030,
7.5793

■ 74.0288, -32.4589,
10.5846

■ 32.5835, -22.1176,
6.5849

■ 86.0294, -34.8056,
11.6065

■ 24.1036, -19.1134,
5.5814

■ 98.6163, -37.0950,
12.6419

■ 16.5221, -15.7888,
4.5519

■ 111.7635,
-39.3378, 13.6917

■ 9.9616, -15.3178,
3.8363

■ 125.4480,
-41.5427, 14.7569

0.0000, NaN, NaN

0.0000, NaN, NaN

139.6494,

-43.7164, 15.8379

0.0000, NaN, NaN

154.3497,
-45.8644, 16.9349

0.0000, NaN, NaN

■ 51.9118, -27.5303,
8.5734

■ 51.9118, -27.5303,
8.5734

■ 51.2860, -30.2955,
9.9406

■ 52.6845, -24.2286,
7.3049

■ 50.7971, -32.5251,
11.3844

■ 53.6050, -20.4021,
6.1507

■ 50.4364, -34.2408,
12.8821

■ 54.6759, -16.0770,
5.1249

■ 50.1880, -35.4928,
14.4059

■ 55.8968, -11.2886,
4.2375

■ 50.0913, -35.9939,
15.0906

■ 57.2655, -6.0786,
3.4951

■ 58.7786, -0.4922,
2.9007

■ 60.4315, 5.4243,
2.4544

■ 62.2189, 11.6257,
2.1538

■ 64.1348, 18.0694,
1.9944

Harmonies

Analogous

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



51.9128, -21.8302, 18.0543



51.9118, -27.5303, 8.5734



51.9128, -27.1488, -5.5939

Triad

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



51.9128, -27.5308, 8.5740



51.9128, 5.6828, -30.0553



51.9128, 18.0031, 18.8664

Complementary

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



51.9118, -27.5303, 8.5734



35.3117, 31.1955, 2.0598

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.



51.9128, 27.1422, 10.0354



51.9118, -27.5303, 8.5734



51.9128, 19.5049, -19.1272

Square

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



51.9128, -27.5308, 8.5740



51.9128, -9.0431, -30.7708



51.9128, 27.7206, -3.6656



51.9128, 3.8102, 22.7830

Rectangle

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



51.9118, -27.5303, 8.5734



51.9128, -23.5078, -16.0302



51.9128, 27.7206, -3.6656



51.9128, 21.8338, 16.5062

Sweetspot

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



51.9128, -27.5308, 8.5740



74.4740, -16.3786, 5.8832



52.2421, -28.3198, 25.1190



34.7912, -8.2429, 2.8579



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.



51.9128, -27.5308, 8.5740



68.4967, -41.1500, 13.6547



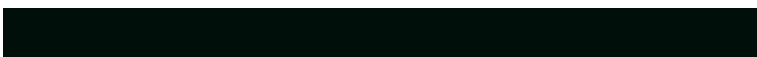
48.6506, -16.9751, -9.1946



27.3324, -3.9153, 1.8131



45.1499, -32.3888, 13.4846



6.1004, -3.9456, 0.8924

Inverse Universe

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



35.3117, 31.1955, 2.0598



42.8883, 50.6050, 4.5603



37.1553, 21.9721, 14.0327



25.8496, 1.1861, 1.1418



24.5878, 43.0177, 8.8321



3.4009, 6.1640, -0.4379

Previews

White Background



This preview shows how the HunterLab color 51.9118, -27.5303, 8.5734 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 51.9118, -27.5303, 8.5734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

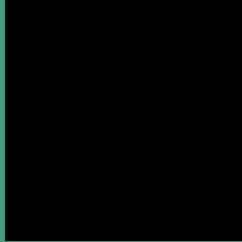
Any Text WCAG AA ✓ Pass

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 51.9118, -27.5303, 8.5734 Background



This preview shows how black text looks on a background with the HunterLab color 51.9118, -27.5303, 8.5734.



This preview shows how white text looks on a background with the HunterLab color 51.9118,

-27.5303, 8.5734.

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

51.9118, -27.5303, 8.5734

Protanopia

51.6503, -3.7569, 11.7267

Deuteranopia

51.5203, 3.6263, 6.6881



Tritanopia

51.8947, -17.1771, -8.4504

Trichromacy



Original Color

51.9118, -27.5303, 8.5734

Protanomaly

51.2500, -14.1349, 10.0317

Deuteranomaly

50.9842, -10.0742, 6.6802

Tritanomaly

51.9281, -21.1511, -1.8014

Monochromacy



Original Color

51.9118, -27.5303, 8.5734

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

48.1140, -12.9972, 4.2543

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.9118, -27.5303, 8.5734 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(70, 157, 127)` looks like.

```
.text, #text, p{  
    color:rgb(70, 157, 127)  
}
```

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(70, 157, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 157, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 51.9118, -27.5303, 8.5734 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(70, 157, 127) }
```


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

```
.border{ border-color:rgb(70, 157, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 157, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 157, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 157, 127);  
box-shadow:4px 4px 4px 4px rgb(70, 157,  
127) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.9118, -27.5303, 8.5734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 157, 127) }
```

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

```
.background{ background-color: rgb(70, 157,  
127) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor