

Converting Colors

HunterLab(51.9897, -26.8084,
2.2211)

Have a look what the booklet for
HunterLab(51.9897, -26.8084,
2.2211) contains.

HunterLab(51.9007, -26.7637, 2.2777)	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(51.9007,
-26.7637, 2.2777)**

Conversions

Conversions Part 1

Format	Color
Hex	399D8E
RGB	57, 157, 142
RGB Percent	22%, 62%, 56%
CMY	0.7765, 0.3843, 0.4431
CMYK	0.64, 0.00, 0.10, 0.38
HSL	171°, 47%, 42%
HSV	171°, 64%, 62%
XYZ	18.6268, 26.9368, 29.8088
YIQ	125.3900, -54.7850, -25.8650

Conversions

Conversions Part 2

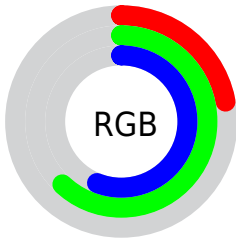
Format	Color
RYB	57, 111, 157
Decimal	3775886
CIELab	58.92, -32.49, -0.70
CIElCh	59, 32.494, 181.232
Yxy	26.9379, 0.2471, 0.3574
Android (android.graphics.Color)	4281965966 (0xFF399D8E)
YUV	125.3900, 8.1887, -59.9780
Hunter-Lab	51.9007, -26.7637, 2.2777

Details

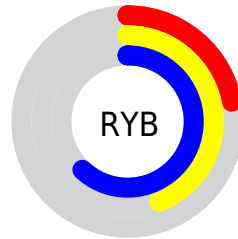
The HunterLab color **51.9007, -26.7637, 2.2777** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **32.5008, 33.9552, 9.4351**, and the grayscale version is **45.4237, -2.4237, 2.4680**.

A 20% lighter version of the original color is **74.0172, -31.3545, 3.2267**, and **32.9786, -19.9144, 1.7691** is the 20% darker color. If you saturate the color by 10%, you get **51.4544, -28.6714, 2.7723**, and if you desaturate by 10%, it is **52.4827, -24.3525, 1.9437**.

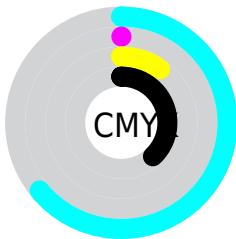
Distribution



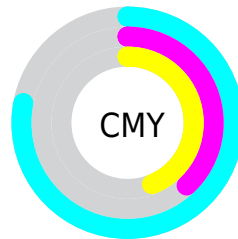
- Red (22%)
- Green (62%)
- Blue (56%)



- Red (22%)
- Yellow (44%)
- Blue (62%)



- Cyan (64%)
- Magenta (0%)
- Yellow (10%)
- Black (38%)



- Cyan (78%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.9007, -26.7637, 2.2777 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 51.9007, -26.7637, 2.2777 by changing the saturation by 10% instead.

■ 51.9007, -26.7637,
2.2777

■ 51.9007, -26.7637,
2.2777

169.5158,
-46.7098, 8.4183

■ 41.8647, -24.2137,
1.7694

■ 74.0163, -31.5545,
3.4141

■ 32.5740, -21.5135,
1.3040

■ 86.0162, -33.8390,
4.0360

■ 24.0949, -18.6051,
0.8866

■ 98.6026, -36.0696,
4.6912

■ 16.5145, -15.3908,
0.5233

■ 111.7491,
-38.2567, 5.3782

■ 9.9552, -14.8180,
0.2231

■ 125.4330,
-40.4084, 6.0956

0.0000, NaN, NaN

139.6339,

0.0000, NaN, NaN

-42.5311, 6.8421

0.0000, NaN, NaN

154.3337,
-44.6302, 7.6167

0.0000, NaN, NaN

■ 51.9007, -26.7637,
2.2777

■ 51.9007, -26.7637,
2.2777

■ 51.4544, -28.6714,
2.7723

■ 52.4827, -24.3525,
1.9437

■ 51.1310, -30.0981,
3.4094

■ 53.2043, -21.4305,
1.7798

■ 50.9178, -31.0875,
4.1683

■ 54.0706, -18.0058,
1.7935

■ 50.8141, -31.5881,
4.6763

■ 55.0837, -14.0985,
1.9876

■ 56.2437, -9.7378,
2.3611

■ 57.5489, -4.9598,
2.9095

■ 58.9963, 0.1953,
3.6259

■ 60.5819, 5.6856,
4.5013

■ 62.3008, 11.4693,
5.5254

Harmonies

Analogous

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



51.9017, -24.0785, 13.5807



51.9007, -26.7637, 2.2777



51.9017, -23.6020, -12.0709

Triad

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



51.9017, -26.7640, 2.2783



51.9017, 11.7426, -23.7813



51.9017, 10.6502, 20.4623

Complementary

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



51.9007, -26.7637, 2.2777



32.5008, 33.9552, 9.4351

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.



51.9017, 21.9692, 14.3007



51.9007, -26.7637, 2.2777



51.9017, 22.6448, -10.8771

Square

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



51.9017, -26.7640, 2.2783



51.9017, -2.1992, -29.3470



51.9017, 26.5670, 3.3661



51.9017, -3.3426, 22.2808

Rectangle

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



51.9007, -26.7637, 2.2777



51.9017, -18.3901, -21.0107



51.9017, 26.5670, 3.3661



51.9017, 14.9433, 18.9267

Sweetspot

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



51.9017, -26.7640, 2.2783



74.3617, -16.4142, 2.8469



50.8460, -34.2332, 26.2173



34.6934, -8.4134, 1.2790



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.



51.9017, -26.7640, 2.2783



68.6755, -39.1618, 4.0104



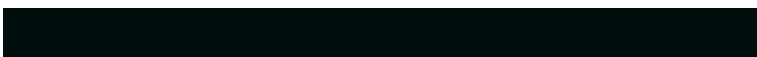
41.9966, -9.9939, -19.3320



27.3722, -3.6937, 1.2448



45.7981, -28.4386, 4.1471



6.1584, -3.5956, 0.0644

Inverse Universe

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



32.5008, 33.9552, 9.4351



39.3718, 54.3042, 15.9225



38.5139, 17.5475, 18.0793



25.8100, 0.9728, 1.7070



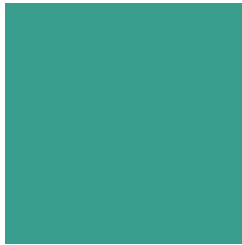
24.2436, 41.7478, 13.8840



3.3034, 5.8095, 0.9543

Previews

White Background



This preview shows how the HunterLab color 51.9007, -26.7637, 2.2777 looks on a white background.

Color Contrast Check

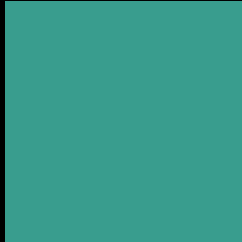
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.9007, -26.7637, 2.2777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

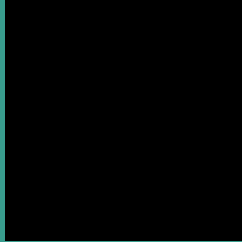
Any Text WCAG AA ✓ Pass

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 51.9007, -26.7637, 2.2777 Background



This preview shows how black text looks on a background with the HunterLab color 51.9007, -26.7637, 2.2777.



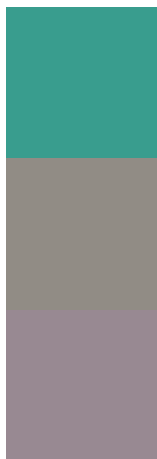
This preview shows how white text looks on a background with the HunterLab color 51.9007,

-26.7637, 2.2777.

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

51.9007, -26.7637, 2.2777

Protanopia

51.4484, -2.2954, 6.0896

Deuteranopia

51.6159, 3.3310, 0.6266



Tritanopia

52.0170, -19.8134, -9.4148

Trichromacy



Original Color

51.9007, -26.7637, 2.2777

Protanomaly

50.8390, -13.3646, 3.9283

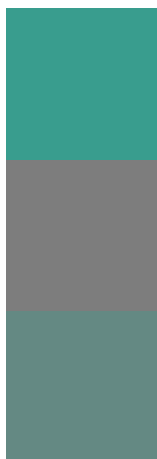
Deuteranomaly

50.7669, -10.0110, -0.1784

Tritanomaly

51.8978, -22.5237, -4.8570

Monochromacy



Original Color

51.9007, -26.7637, 2.2777

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

47.1586, -13.2681, 1.8301

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.9007, -26.7637, 2.2777 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(57, 157, 142)` looks like.

```
.text, #text, p{  
    color:rgb(57, 157, 142)  
}
```

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(57, 157, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 157, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 51.9007, -26.7637, 2.2777 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(57, 157, 142) }
```


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

```
.border{ border-color:rgb(57, 157, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 157, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 157, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 157, 142);  
box-shadow:4px 4px 4px 4px rgb(57, 157,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.9007, -26.7637, 2.2777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 157, 142) }
```

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

```
.background{ background-color: rgb(57, 157,  
142) }
```

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