

Converting Colors

HunterLab(26.6525, -22.1481,
7.2101)

Have a look what the booklet for
HunterLab(26.6525, -22.1481,
7.2101) contains.

HunterLab(27.2951, -19.4100, 7.7841)	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(27.2951,
-19.4100, 7.7841)**

Conversions

Conversions Part 1

Format	Color
Hex	00593A
RGB	0, 89, 58
RGB Percent	0%, 35%, 23%
CMY	1.0000, 0.6510, 0.7725
CMYK	1.00, 0.00, 0.35, 0.65
HSL	159°, 100%, 17%
HSV	159°, 100%, 35%
XYZ	4.3361, 7.4502, 5.2125
YIQ	58.8550, -43.0930, -28.5090

Conversions

Conversions Part 2

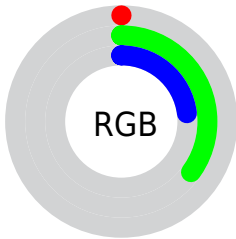
Format	Color
RYB	0, 54, 89
Decimal	22842
CIELab	32.81, -31.73, 11.54
CIELCh	33, 33.764, 160.021
Yxy	7.4505, 0.2551, 0.4383
Android (android.graphics.Color)	4278212922 (0xFF00593A)
YUV	58.8550, -0.4215, -51.6158
Hunter-Lab	27.2951, -19.4100, 7.7841

Details

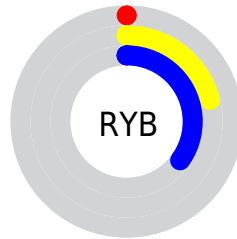
The HunterLab color **27.2951, -19.4100, 7.7841** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **14.9095, 26.1955, 4.4897**, and the grayscale version is **20.8758, -1.1139, 1.1342**.

A 20% lighter version of the original color is **45.7164, -24.9195, 10.4013**, and **13.0128, -10.1322, 5.6075** is the 20% darker color. If you saturate the color by 10%, you get **27.2956, -19.4105, 7.7846**, and if you desaturate by 10%, it is **27.4599, -18.6147, 7.0316**.

Distribution



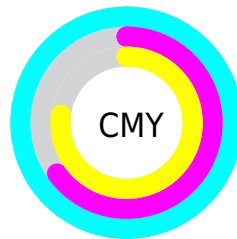
- Red (0%)
- Green (35%)
- Blue (23%)



- Red (0%)
- Yellow (21%)
- Blue (35%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (65%)



- Cyan (100%)
- Magenta (65%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.2951, -19.4100, 7.7841 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 27.2951, -19.4100, 7.7841 by changing the saturation by 10% instead.

27.2951, -19.4100,
7.7841

27.2951, -19.4100,
7.7841

130.9032,
-40.4865, 18.7661

19.3531, -16.3981,
6.4652

45.6880, -24.7524,
10.2814

12.3782, -13.3931,
5.1311

56.0010, -27.2068,
11.4966

5.5788, -9.7628,
3.9051

66.9908, -29.5640,
12.7032

0.0000, NaN, NaN

0.0000, NaN, NaN

78.6181, -31.8460,
13.9073

0.0000, NaN, NaN

90.8498, -34.0687,
15.1130

0.0000, NaN, NaN

0.0000, NaN, NaN

103.6572,

-36.2439, 16.3233

0.0000, NaN, NaN

■ 117.0156,
-38.3808, 17.5405

■ 27.2951, -19.4100,
7.7841

■ 27.2951, -19.4100,
7.7841

■ 27.2956, -19.4105,
7.7846

■ 27.4599, -18.6147,
7.0316

■ 27.6481, -17.7211,
6.2603

■ 27.8978, -16.5806,
5.5137

■ 28.2139, -15.1819,
4.8029

■ 28.5997, -13.5234,
4.1373

■ 29.0570, -11.6103,
3.5249

■ 29.5868, -9.4534,
2.9725

■ 30.1891, -7.0679,
2.4849

■ 30.8631, -4.4718,
2.0658

Harmonies

Analogous

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



27.2956, -14.3668, 13.2486



27.2951, -19.4100, 7.7841



27.2956, -20.1263, -2.4686

Triad

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



27.2956, -19.4102, 7.7843



27.2956, 2.5312, -28.7380



27.2956, 17.8004, 11.9085

Complementary

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



27.2951, -19.4100, 7.7841



14.9095, 26.1955, 4.4897

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.



27.2956, 24.1499, 4.9248



27.2951, -19.4100, 7.7841



27.2956, 14.4103, -20.2576

Square

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



27.2956, -19.4102, 7.7843



27.2956, -8.6655, -26.9075



27.2956, 22.8151, -6.7995



27.2956, 6.5851, 14.8473

Rectangle

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



27.2951, -19.4100, 7.7841



27.2956, -18.2041, -11.3982



27.2956, 22.8151, -6.7995



27.2956, 20.6530, 10.1097

Sweetspot

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



27.2956, -19.4102, 7.7843



38.5987, -12.6358, 3.9498



27.2740, -20.6200, 16.4449



19.3313, -6.7525, 2.0827



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



27.2956, -19.4102, 7.7843



35.6504, -25.5134, 10.5161



24.1709, -10.0730, -8.4664



15.3329, -2.0476, 0.9998



33.1298, -23.6718, 9.6912



78.4117, -56.7845, 24.5736

Inverse Universe

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



14.9095, 26.1955, 4.4897



19.4446, 34.0863, 6.4652



15.5592, 21.7406, 9.9678



14.5946, 0.4985, 0.6550



18.0762, 31.7057, 5.8698



42.6604, 74.4751, 16.5747

Previews

White Background



This preview shows how the HunterLab color 27.2951, -19.4100, 7.7841 looks on a white background.

Color Contrast Check

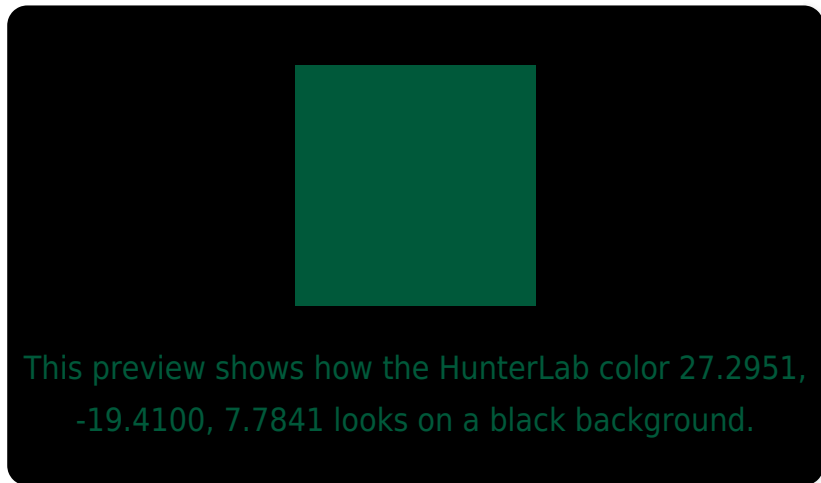
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 27.2951, -19.4100, 7.7841 Background



This preview shows how black text looks on a background with the HunterLab color 27.2951, -19.4100, 7.7841.



This preview shows how white text looks on a background with the HunterLab color 27.2951,

-19.4100, 7.7841.

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

27.2951, -19.4100, 7.7841

Protanopia

27.2940, -2.2949, 9.4617

Deuteranopia

27.2179, 1.6045, 7.1825



Tritanopia

27.4973, -10.8241, -5.0779

Trichromacy



Original Color

27.2951, -19.4100, 7.7841

Protanomaly

26.3013, -11.4134, 7.8591

Deuteranomaly

26.0539, -9.2904, 6.1633

Tritanomaly

27.1726, -14.2843, -0.0664

Monochromacy



Original Color

27.2951, -19.4100, 7.7841

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

22.6012, -9.7071, 2.9024

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.2951, -19.4100, 7.7841 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(0, 89, 58)` looks like.

```
.text, #text, p{  
    color:rgb(0, 89, 58)  
}
```

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(0, 89, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 89, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 27.2951, -19.4100, 7.7841 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(0, 89, 58) }
```


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

```
.border{ border-color:rgb(0, 89, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 89, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 89, 58); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 89, 58); box-shadow:4px  
4px 4px 4px rgb(0, 89, 58) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.2951, -19.4100, 7.7841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 89, 58) }
```

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

```
.background{ background-color: rgb(0, 89,  
58) }
```

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