

Converting Colors

HunterLab(51.6928, -20.0793,
20.2488)

Have a look what the booklet for
HunterLab(51.6928, -20.0793,
20.2488) contains.

HunterLab(51.7108, -19.9852, 20.1659)	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(51.7108,
-19.9852, 20.1659)**

Conversions

Conversions Part 1

Format	Color
Hex	76975B
RGB	118, 151, 91
RGB Percent	46%, 59%, 36%
CMY	0.5373, 0.4078, 0.6431
CMYK	0.22, 0.00, 0.40, 0.41
HSL	93°, 25%, 47%
HSV	93°, 40%, 59%
XYZ	20.4261, 26.7401, 13.9823
YIQ	134.2930, -0.4080, -25.6560

Conversions

Conversions Part 2

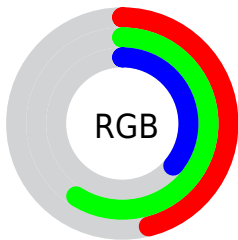
Format	Color
R_{YB}	91, 151, 124
Decimal	7771995
CIE _{Lab}	58.73, -22.63, 27.95
CIE _{LCh}	59, 35.963, 129.003
Yxy	26.7412, 0.3340, 0.4373
Android (android.graphics.Color)	4285962075 (0xFF76975B)
YUV	134.2930, -21.3434, -14.2890
Hunter-Lab	51.7108, -19.9852, 20.1659

Details

The HunterLab color $51.7108, -19.9852, 20.1659$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $37.4198, 18.6634, -23.0077$, and the grayscale version is $49.0248, -2.6158, 2.6636$.

A 20% lighter version of the original color is $73.6706, -23.5050, 24.3882$, and $32.4425, -16.0829, 15.3545$ is the 20% darker color. If you saturate the color by 10%, you get $50.9413, -23.4093, 23.0428$, and if you desaturate by 10%, it is $52.5699, -16.1989, 16.6996$.

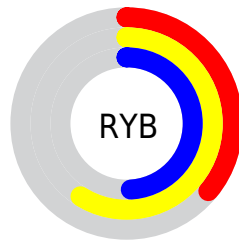
Distribution



Red (46%)

Green (59%)

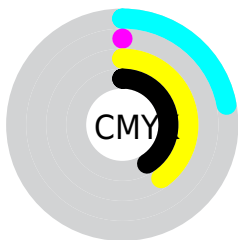
Blue (36%)



Red (36%)

Yellow (59%)

Blue (49%)

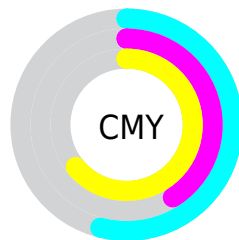


Cyan (22%)

Magenta (0%)

Yellow (40%)

Black (41%)



Cyan (54%)

Magenta (41%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.7108, -19.9852, 20.1659 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 51.7108, -19.9852, 20.1659 by changing the saturation by 10% instead.

■ 51.7108, -19.9852,
20.1659

■ 51.7108, -19.9852,
20.1659

169.2342,
-35.6298, 38.3934

■ 41.6881, -18.0799,
17.8463

■ 73.8027, -23.6305,
24.5282

■ 32.4115, -16.0879,
15.3922

■ 85.7916, -25.3957,
26.6107

■ 23.9481, -13.9732,
12.7555

■ 98.3675, -27.1353,
28.6460

■ 16.3850, -11.6728,
10.3684

■ 111.5040,
-28.8557, 30.6440

■ 9.8459, -10.5861,
6.8921

125.1783,
-30.5618, 32.6123

0.0000, NaN, NaN

139.3699,

0.0000, NaN, NaN

-32.2575, 34.5569

0.0000, NaN, NaN

154.0607,
-33.9460, 36.4826

0.0000, NaN, NaN

■ 51.7108, -19.9852,
20.1659

■ 51.7108, -19.9852,
20.1659

■ 50.9413, -23.4093,
23.0428

■ 52.5699, -16.1989,
16.6996

■ 50.2576, -26.4547,
25.3301

■ 53.5150, -12.0642,
12.6511

■ 49.6595, -29.1158,
27.0410

■ 54.5461, -7.6031,
8.0369

■ 49.1447, -31.3929,
28.2023

■ 55.6619, -2.8386,
2.8793

■ 48.7095, -33.2958,
28.8585

■ 56.8605, 2.2050,
-2.7950

■ 48.3426, -34.8822,
29.1638

■ 58.1395, 7.5028,
-8.9564

■ 48.3335, -34.9217,
29.1715

■ 59.4966, 13.0304,
-15.5732

■ 60.9290, 18.7639,
-22.6133

■ 62.4340, 24.6808,
-30.0444

Harmonies

Analogous

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



51.7119, -7.2803, 23.5118



51.7108, -19.9852, 20.1659



51.7119, -27.4353, 11.8626

Triad

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



51.7119, -19.9864, 20.1664



51.7119, -12.8756, -30.6724



51.7119, 29.5784, 7.0006

Complementary

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



51.7108, -19.9852, 20.1659



37.4198, 18.6634, -23.0077

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.



51.7119, 27.6300, -8.2364



51.7108, -19.9852, 20.1659



51.7119, 1.9170, -33.1036

Square

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



51.7119, -19.9864, 20.1664



51.7119, -23.6733, -18.0486



51.7119, 17.0612, -23.9599



51.7119, 22.1116, 17.4978

Rectangle

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



51.7108, -19.9852, 20.1659



51.7119, -28.9845, 3.2990



51.7119, 17.0612, -23.9599



51.7119, 30.0197, 2.3259

Sweetspot

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



51.7119, -19.9864, 20.1664



72.6375, -11.7092, 12.3712



46.6379, 2.0478, 16.1909



34.5515, -5.9196, 6.2500



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



51.7119, -19.9864, 20.1664



68.2456, -30.9896, 30.5662



50.1664, -25.8717, 17.9434



26.5609, -3.5862, 3.7904



44.5978, -32.1325, 26.9184



5.6438, -3.1537, 3.4224

Inverse Universe

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



37.4198, 18.6634, -23.0077



45.1538, 31.9876, -40.4655



40.2496, 26.4637, -16.0077



24.8703, 0.9249, -1.1773



18.6670, 42.1503, -66.8713



2.7143, 5.6952, -6.3618

Previews

White Background



This preview shows how the HunterLab color 51.7108, -19.9852, 20.1659 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 51.7108, -19.9852, 20.1659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

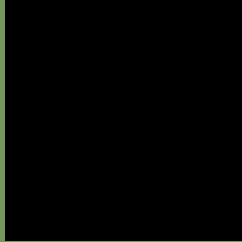
Any Text WCAG AA ✓ Pass

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 51.7108, -19.9852, 20.1659 Background



This preview shows how black text looks on a background with the HunterLab color 51.7108, -19.9852, 20.1659.



This preview shows how white text looks on a background with the HunterLab color 51.7108,

-19.9852, 20.1659.

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

51.7108, -19.9852, 20.1659

Protanopia

51.5828, -5.2411, 21.3293

Deuteranopia

51.5647, 3.5444, 19.3875



Tritanopia

51.5758, -4.9773, -3.9549

Trichromacy



Original Color

51.7108, -19.9852, 20.1659

Protanomaly

51.5927, -11.1572, 20.9859

Deuteranomaly

51.3244, -5.9211, 19.2890

Tritanomaly

51.4867, -11.2089, 6.3913

Monochromacy



Original Color

51.7108, -19.9852, 20.1659

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

49.6522, -9.4181, 9.9641

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.7108, -19.9852, 20.1659 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(118, 151, 91)` looks like.

```
.text, #text, p{  
    color:rgb(118, 151, 91)  
}
```

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(118, 151, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 151, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 51.7108, -19.9852, 20.1659 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(118, 151, 91) }
```


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

```
.border{ border-color:rgb(118, 151, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 151, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 151, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 151, 91);  
box-shadow:4px 4px 4px 4px rgb(118, 151,  
91) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.7108, -19.9852, 20.1659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 151, 91) }
```

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

```
.background{ background-color: rgb(118,  
151, 91) }
```

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