

Converting Colors

HunterLab(66.1767, -18.4835,
17.5208)

Have a look what the booklet for
HunterLab(66.1767, -18.4835,
17.5208) contains.

HunterLab(66.1959, -18.4005, 17.5461)	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(66.1959,
-18.4005, 17.5461)**

Conversions

Conversions Part 1

Format	Color
Hex	9DB98E
RGB	157, 185, 142
RGB Percent	62%, 73%, 56%
CMY	0.3843, 0.2745, 0.4431
CMYK	0.15, 0.00, 0.23, 0.27
HSL	99°, 23%, 64%
HSV	99°, 23%, 73%
XYZ	36.1360, 43.8190, 32.1445
YIQ	171.7260, -2.8850, -19.3090

Conversions

Conversions Part 2

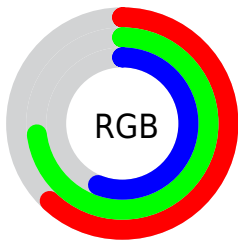
Format	Color
RYB	142, 185, 170
Decimal	10336654
CIELab	72.11, -17.56, 18.74
CIELCh	72, 25.678, 133.134
Yxy	43.8209, 0.3224, 0.3909
Android (android.graphics.Color)	4288526734 (0xFF9DB98E)
YUV	171.7260, -14.6549, -12.9147
Hunter-Lab	66.1959, -18.4005, 17.5461

Details

The HunterLab color **66.1959, -18.4005, 17.5461** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **56.0322, 13.4717, -13.8074**, and the grayscale version is **64.1768, -3.4243, 3.4868**.

A 20% lighter version of the original color is **89.9406, -21.3082, 20.6209**, and **45.0316, -15.3487, 14.1484** is the 20% darker color. If you saturate the color by 10%, you get **64.9290, -23.9340, 22.3279**, and if you desaturate by 10%, it is **67.5986, -12.3795, 12.0649**.

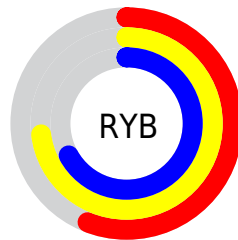
Distribution



Red (62%)

Green (73%)

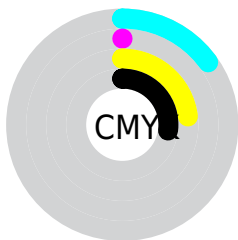
Blue (56%)



Red (56%)

Yellow (73%)

Blue (67%)

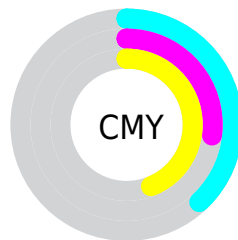


Cyan (15%)

Magenta (0%)

Yellow (23%)

Black (27%)



Cyan (38%)

Magenta (27%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.1959, -18.4005, 17.5461 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 66.1959, -18.4005, 17.5461 by changing the saturation by 10% instead.

■ 66.1959, -18.4005,
17.5461

■ 66.1959, -18.4005,
17.5461

190.2569,
-31.8039, 31.4962

■ 55.2537, -16.8645,
15.9215

■ 89.9712, -21.4163,
20.7125

■ 44.9900, -15.2942,
14.2521

■ 102.7390,
-22.9056, 22.2686

■ 35.4547, -13.6765,
12.5203

116.0594,
-24.3889, 23.8142

■ 26.7084, -11.9886,
10.6982

129.9105,
-25.8693, 25.3532

■ 18.8299, -10.1932,
8.7411

144.2725,
-27.3492, 26.8887

■ 11.9281, -8.2211,
7.6065

159.1279,

■ 4.8315, -8.4551,

-28.8306, 28.4231

3.3821

174.4608,
-30.3151, 29.9584

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.1959, -18.4005,
17.5461

■ 66.1959, -18.4005,
17.5461

■ 64.9290, -23.9340,
22.3279

■ 67.5986, -12.3795,
12.0649

■ 63.7953, -28.9393,
26.3828

■ 69.1301, -5.9063,
5.9159

■ 62.7968, -33.3882,
29.6979

■ 70.7886, 0.9753,
-0.8597

■ 61.9324, -37.2595,
32.2747


■ 72.5700, 8.2230,
-8.2179


■ 61.1997, -40.5428,


■ 74.4698, 15.7953,


34.1323


-16.1128


 60.5942, -43.2418,
35.3125


 76.4833, 23.6528,
-24.4983

 60.1090, -45.3776,
35.8854

 77.8969, 28.1855,
-23.5161

 59.8393, -46.5544,
36.0577

 79.2931, 32.4293,
-21.3135

 79.4856, 33.0094,
-21.0133

Harmonies

Analogous

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



66.1973, -8.6331, 21.4236



66.1959, -18.4005, 17.5461



66.1973, -23.9561, 9.5872

Triad

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



66.1973, -18.4020, 17.5469



66.1973, -10.0161, -20.6705



66.1973, 20.1416, 8.3409

Complementary

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



66.1959, -18.4005, 17.5461



56.0322, 13.4717, -13.8074

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.



66.1973, 19.7059, -2.9973



66.1959, -18.4005, 17.5461



66.1973, 1.7208, -21.1646

Square

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



66.1973, -18.4020, 17.5469



66.1973, -19.3530, -12.9912



66.1973, 12.7707, -14.2416



66.1973, 13.9221, 16.7733

Rectangle

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



66.1959, -18.4005, 17.5461



66.1973, -24.7809, 2.4074



66.1973, 12.7707, -14.2416



66.1973, 20.7809, 4.7773

Sweetspot

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



66.1973, -18.4020, 17.5469



91.6995, -11.3248, 11.2043



64.0311, -2.6168, 15.7129



42.5199, -5.4970, 5.4299



96.5975, -5.1542, 5.2483



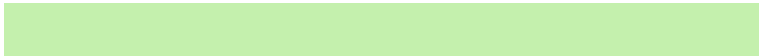
43.2801, -2.3093, 2.3515

Same Dimension

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



66.1973, -18.4020, 17.5469



87.6810, -28.5711, 26.9372



65.2710, -21.5529, 14.2220



31.9505, -4.6386, 4.5627



49.4141, -38.2568, 29.7790



9.4658, -6.4028, 5.7207

Inverse Universe

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



56.0322, 13.4717, -13.8074



71.1649, 23.3290, -24.2276



57.3567, 17.1806, -8.1974



30.0029, 1.4481, -1.4054



22.7351, 49.4250, -66.6291



4.6396, 9.7576, -11.0496

Previews

White Background



This preview shows how the HunterLab color 66.1959, -18.4005, 17.5461 looks on a white 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

Black Background



This preview shows how the HunterLab color 66.1959, -18.4005, 17.5461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

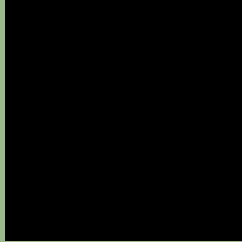
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 66.1959, -18.4005, 17.5461 Background



This preview shows how black text looks on a background with the HunterLab color 66.1959, -18.4005, 17.5461.



This preview shows how white text looks on a background with the HunterLab color 66.1959, -18.4005, 17.5461.

-18.4005, 17.5461.

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

66.1959, -18.4005, 17.5461

Protanopia

66.0129, -5.0585, 18.9923

Deuteranopia

66.0539, 4.3555, 16.7334



Tritanopia

66.0650, -4.9667, -4.1330

Trichromacy



Original Color

66.1959, -18.4005, 17.5461

Protanomaly

65.9177, -9.9858, 18.4732

Deuteranomaly

65.7559, -4.1615, 16.6546

Tritanomaly

66.1703, -10.4193, 4.7108

Monochromacy



Original Color

66.1959, -18.4005, 17.5461

Achromatopsia

64.2295, -3.4271, 3.4897

Achromatomaly

64.9869, -9.1009, 9.1229

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.1959, -18.4005, 17.5461 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(157, 185, 142)` looks like.

```
.text, #text, p{  
    color:rgb(157, 185, 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(157, 185, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 185, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 66.1959, -18.4005, 17.5461 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(157, 185, 142) }
```


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

```
.border{ border-color:rgb(157, 185, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 185, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 185, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 185, 142);  
box-shadow:4px 4px 4px 4px rgb(157, 185,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.1959, -18.4005, 17.5461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 185, 142) }
```

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

```
.background{ background-color: rgb(157,  
185, 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