

Converting Colors

HunterLab(70.0407, -25.2725,
18.2951)

Have a look what the booklet for
HunterLab(70.0407, -25.2725,
18.2951) contains.

HunterLab(69.9855, -25.3161, 18.2370)	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(69.9855,
-25.3161, 18.2370)**

Conversions

Conversions Part 1

Format	Color
Hex	95C696
RGB	149, 198, 150
RGB Percent	58%, 78%, 59%
CMY	0.4157, 0.2235, 0.4118
CMYK	0.25, 0.00, 0.24, 0.22
HSL	121°, 30%, 68%
HSV	121°, 25%, 78%
XYZ	38.0935, 48.9797, 36.3004
YIQ	177.8770, -13.7960, -25.3160

Conversions

Conversions Part 2

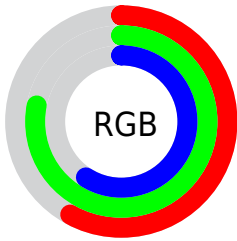
Format	Color
RYB	149, 197, 198
Decimal	9815702
CIELab	75.44, -25.49, 18.97
CIELCh	75, 31.776, 143.337
Yxy	48.9818, 0.3088, 0.3970
Android (android.graphics.Color)	4288005782 (0xFF95C696)
YUV	177.8770, -13.7434, -25.3251
Hunter-Lab	69.9855, -25.3161, 18.2370

Details

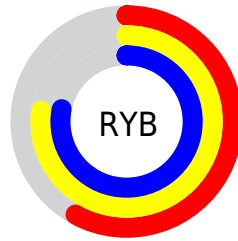
The HunterLab color $69.9855, -25.3161, 18.2370$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $61.2641, 21.3244, -12.9992$, and the grayscale version is $66.7330, -3.5607, 3.6257$.

A 20% lighter version of the original color is $94.1897, -29.2160, 21.5680$, and $48.3619, -21.3151, 14.9555$ is the 20% darker color. If you saturate the color by 10%, you get $68.3381, -32.4840, 23.0325$, and if you desaturate by 10%, it is $71.8907, -17.2709, 12.8777$.

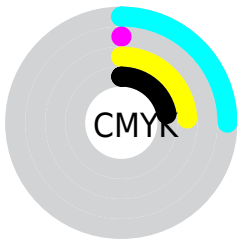
Distribution



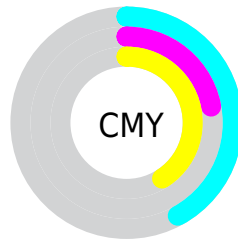
- Red (58%)
- Green (78%)
- Blue (59%)



- Red (58%)
- Yellow (77%)
- Blue (78%)



- Cyan (25%)
- Magenta (0%)
- Yellow (24%)
- Black (22%)



- Cyan (42%)
- Magenta (22%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.9855, -25.3161, 18.2370 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 69.9855, -25.3161, 18.2370 by changing the saturation by 10% instead.

■ 69.9855, -25.3161,
18.2370

■ 69.9855, -25.3161,
18.2370

195.6197,
-41.8530, 32.2612

■ 58.8260, -23.3425,
16.6103

■ 94.1618, -29.1356,
21.4142

■ 48.3309, -21.3048,
14.9425

■ 107.1163,
-30.9979, 22.9776

■ 38.5469, -19.1832,
13.2177

120.6158,
-32.8382, 24.5315

■ 29.5301, -16.9457,
11.4116

134.6391,
-34.6614, 26.0793

■ 21.3522, -14.5411,
9.4858

149.1674,
-36.4715, 27.6241

■ 14.1103, -11.8805,
7.6308

164.1836,

■ 7.7604, -13.5807,

-38.2718, 29.1682

5.4323

179.6723,
-40.0649, 30.7133

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.9855, -25.3161,
18.2370

■ 69.9855, -25.3161,
18.2370

■ 68.3381, -32.4840,
23.0325

■ 71.8907, -17.2709,
12.8777

■ 66.9470, -38.6835,
27.2027

■ 74.0427, -8.4441,
7.0192

■ 65.8127, -43.8504,
30.7025

■ 76.4341, 1.0579,
0.7323

■ 64.9292, -47.9498,
33.5058

■ 79.0542, 11.1320,
-5.9149

■ 64.2848, -50.9848,

■ 81.8910, 21.6812,

35.6105

-12.8587

■ 63.8611, -53.0044,
37.0441

■ 82.9880, 25.7365,
-16.0042

■ 63.6314, -54.1114,
37.8673

■ 63.5602, -54.4531,
38.1038

Harmonies

Analogous

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



69.9870, -14.7552, 24.5382



69.9855, -25.3161, 18.2370



69.9870, -30.0397, 6.9059

Triad

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



69.9870, -25.3175, 18.2378



69.9870, -7.0393, -29.1200



69.9870, 24.6315, 13.7907

Complementary

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



69.9855, -25.3161, 18.2370



61.2641, 21.3244, -12.9992

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.



69.9870, 27.1319, 0.5650



69.9855, -25.3161, 18.2370



69.9870, 8.0057, -26.2035

Square

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



69.9870, -25.3175, 18.2378



69.9870, -20.0741, -21.8390



69.9870, 20.8210, -14.5451



69.9870, 14.2489, 22.3720

Rectangle

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



69.9855, -25.3161, 18.2370



69.9870, -29.5475, -2.7899



69.9870, 20.8210, -14.5451



69.9870, 26.4557, 9.8231

Sweetspot

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



69.9870, -25.3175, 18.2378



97.8238, -14.0904, 11.2322



73.7941, -11.3516, 22.4274



45.1744, -6.8583, 5.4216

0.0000, NaN, NaN



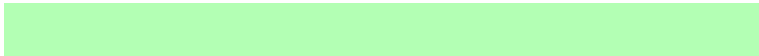
46.2646, -2.4686, 2.5136

Same Dimension

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



69.9870, -25.3175, 18.2378



91.8379, -39.2784, 28.0042



70.6032, -21.7679, 9.3593



34.4838, -5.9634, 4.6250



51.2570, -43.9020, 30.7050



11.1592, -9.5179, 6.5983

Inverse Universe

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



61.2641, 21.3244, -12.9992



77.7302, 36.3389, -22.6286



60.4206, 17.0143, -1.1104



32.8827, 2.5658, -1.0888



32.1575, 62.9486, -40.2884



7.0062, 13.7278, -8.8796

Previews

White Background



This preview shows how the HunterLab color 69.9855, -25.3161, 18.2370 looks on a white background.

Color Contrast Check

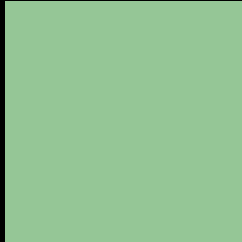
Large Text (above 18pt) WCAG AA × Fail

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 69.9855, -25.3161, 18.2370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

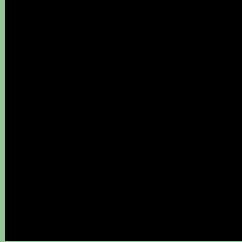
Any Text WCAG AA ✓ Pass

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 69.9855, -25.3161, 18.2370 Background



This preview shows how black text looks on a background with the HunterLab color 69.9855, -25.3161, 18.2370.



This preview shows how white text looks on a background with the HunterLab color 69.9855,

-25.3161, 18.2370.

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

69.9855, -25.3161, 18.2370

Protanopia

69.7007, -5.6861, 20.4052

Deuteranopia

69.6204, 5.0382, 16.9524



Tritanopia

70.0634, -10.3354, -6.4219

Trichromacy



Original Color

69.9855, -25.3161, 18.2370

Protanomaly

69.7177, -13.3862, 19.5986

Deuteranomaly

69.2423, -6.8854, 16.7409

Tritanomaly

70.0695, -16.4626, 3.5804

Monochromacy



Original Color

69.9855, -25.3161, 18.2370

Achromatopsia

66.7234, -3.5602, 3.6252

Achromatomaly

67.6318, -11.8517, 8.9904

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.9855, -25.3161, 18.2370 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(149, 198, 150)` looks like.

```
.text, #text, p{  
    color:rgb(149, 198, 150)  
}
```

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(149, 198, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 198, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 69.9855, -25.3161, 18.2370 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(149, 198, 150) }
```


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

```
.border{ border-color:rgb(149, 198, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 198, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 198, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 198, 150);  
box-shadow:4px 4px 4px 4px rgb(149, 198,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.9855, -25.3161, 18.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 198, 150) }
```

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

```
.background{ background-color: rgb(149,  
198, 150) }
```

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