

Converting Colors

HunterLab(70.6392, -24.1886,
17.5503)

Have a look what the booklet for
HunterLab(70.6392, -24.1886,
17.5503) contains.

HunterLab(70.6769, -24.1944, 17.4809)	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(70.6769,
-24.1944, 17.4809)**

Conversions

Conversions Part 1

Format	Color
Hex	99C79A
RGB	153, 199, 154
RGB Percent	60%, 78%, 60%
CMY	0.4000, 0.2196, 0.3961
CMYK	0.23, 0.00, 0.23, 0.22
HSL	121°, 29%, 69%
HSV	121°, 23%, 78%
XYZ	39.3930, 49.9522, 38.1373
YIQ	180.1160, -12.9710, -23.7470

Conversions

Conversions Part 2

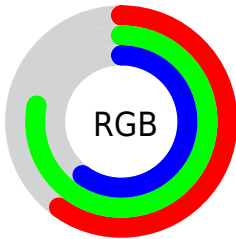
Format	Color
RYB	153, 198, 199
Decimal	10078106
CIELab	76.04, -23.94, 17.71
CIElCh	76, 29.775, 143.503
Yxy	49.9544, 0.3090, 0.3918
Android (android.graphics.Color)	4288268186 (0xFF99C79A)
YUV	180.1160, -12.8752, -23.7807
Hunter-Lab	70.6769, -24.1944, 17.4809

Details

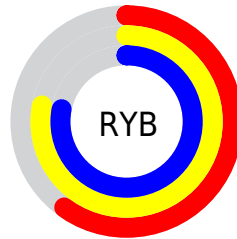
The HunterLab color $70.6769, -24.1944, 17.4809$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $62.4523, 19.7244, -11.8948$, and the grayscale version is $67.6639, -3.6104, 3.6763$.

A 20% lighter version of the original color is $94.6221, -27.3474, 20.0295$, and $48.9865, -20.3540, 14.2980$ is the 20% darker color. If you saturate the color by 10%, you get $68.9780, -31.5532, 22.3968$, and if you desaturate by 10%, it is $72.6341, -15.9693, 12.0107$.

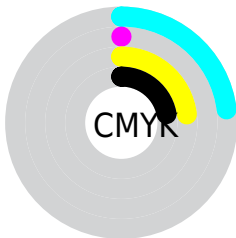
Distribution



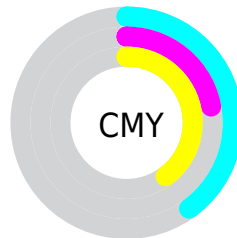
- Red (60%)
- Green (78%)
- Blue (60%)



- Red (60%)
- Yellow (78%)
- Blue (78%)



- Cyan (23%)
- Magenta (0%)
- Yellow (23%)
- Black (22%)



- Cyan (40%)
- Magenta (22%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.6769, -24.1944, 17.4809 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 70.6769, -24.1944, 17.4809 by changing the saturation by 10% instead.

■ 70.6769, -24.1944,
17.4809

■ 70.6769, -24.1944,
17.4809

196.5928,
-40.1019, 30.9949

■ 59.4787, -22.3121,
15.9294

■ 94.9248, -27.8489,
20.5231

■ 48.9423, -20.3736,
14.3434

■ 107.9128,
-29.6357, 22.0251

■ 39.1141, -18.3609,
12.7089

121.4444,
-31.4042, 23.5207

■ 30.0493, -16.2455,
11.0042

135.4986,
-33.1589, 25.0130

■ 21.8186, -13.9816,
9.1947

150.0566,
-34.9033, 26.5048

■ 14.5170, -11.4899,
7.3215

165.1016,

■ 8.1780, -13.1905,

-36.6404, 27.9980

5.7246

180.6183,
-38.3726, 29.4942

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.6769, -24.1944,
17.4809

■ 70.6769, -24.1944,
17.4809

■ 68.9780, -31.5532,
22.3968

■ 72.6341, -15.9693,
12.0107

■ 67.5368, -37.9514,
26.6947

■ 74.8383, -6.9756,
6.0519

■ 66.3542, -43.3204,
30.3269

■ 77.2816, 2.6798,
-0.3246

■ 65.4252, -47.6192,
33.2631

■ 79.9529, 12.8938,
-7.0509

■ 64.7390, -50.8444,

■ 82.8401, 23.5704,

35.4968

-14.0640

■ 64.2782, -53.0372,
37.0501

■ 83.2639, 25.1787,
-15.6200

■ 64.0176, -54.2913,
37.9776

■ 63.9205, -54.7588,
38.3136

Harmonies

Analogous

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



70.6784, -14.2229, 23.5796



70.6769, -24.1944, 17.4809



70.6784, -28.6497, 6.6920

Triad

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



70.6784, -24.1958, 17.4817



70.6784, -6.8041, -26.7237



70.6784, 22.7270, 13.3423

Complementary

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



70.6769, -24.1944, 17.4809



62.4523, 19.7244, -11.8948

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.



70.6784, 25.1003, 0.8790



70.6769, -24.1944, 17.4809



70.6784, 7.3174, -23.9901

Square

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



70.6784, -24.1958, 17.4817



70.6784, -19.1271, -20.0698



70.6784, 19.2647, -13.1968



70.6784, 13.0108, 21.5360

Rectangle

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



70.6769, -24.1944, 17.4809



70.6784, -28.1582, -2.4162



70.6784, 19.2647, -13.1968



70.6784, 24.4398, 9.5852

Sweetspot

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



70.6784, -24.1958, 17.4817



97.8245, -14.0865, 11.2221



74.2878, -11.0027, 21.5301



45.1748, -6.8563, 5.4166

0.0000, NaN, NaN



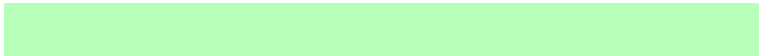
46.2646, -2.4686, 2.5136

Same Dimension

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



70.6784, -24.1958, 17.4817



92.2877, -37.3211, 26.6719



71.2645, -20.8300, 9.0426



34.4841, -5.9616, 4.6204



51.2574, -43.8991, 30.6982



11.1596, -9.5149, 6.5915

Inverse Universe

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



62.4523, 19.7244, -11.8948



79.0540, 33.4819, -20.6774



61.6685, 15.6955, -0.8356



32.8824, 2.5638, -1.0834



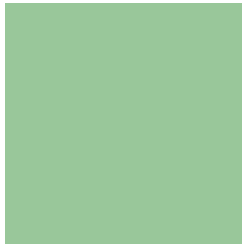
32.1458, 62.9079, -40.1365



7.0042, 13.7209, -8.8537

Previews

White Background



This preview shows how the HunterLab color 70.6769, -24.1944, 17.4809 looks on a white background.

Color Contrast Check

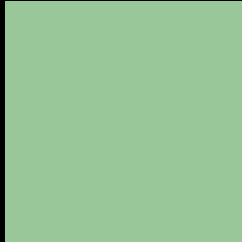
Large Text (above 18pt) WCAG AA × Fail

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 70.6769, -24.1944, 17.4809 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 70.6769, -24.1944, 17.4809 Background



This preview shows how black text looks on a background with the HunterLab color 70.6769, -24.1944, 17.4809.



This preview shows how white text looks on a background with the HunterLab color 70.6769,

-24.1944, 17.4809.

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

70.6769, -24.1944, 17.4809

Protanopia

70.5839, -5.5009, 19.8631

Deuteranopia

70.3976, 4.8954, 16.2206



Tritanopia

70.6298, -9.8439, -6.2044

Trichromacy



Original Color

70.6769, -24.1944, 17.4809

Protanomaly

70.2913, -12.7293, 18.7521

Deuteranomaly

70.1295, -6.6756, 16.1286

Tritanomaly

70.7333, -15.5469, 3.4334

Monochromacy



Original Color

70.6769, -24.1944, 17.4809

Achromatopsia

67.5582, -3.6047, 3.6706

Achromatomaly

68.5762, -11.4693, 8.7447

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.6769, -24.1944, 17.4809 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(153, 199, 154)` looks like.

```
.text, #text, p{  
    color:rgb(153, 199, 154)  
}
```

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(153, 199, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 199, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 70.6769, -24.1944, 17.4809 is called "border". The border property can be set on classes, ids or directly on the HTML element.

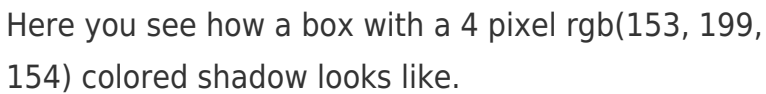
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 199, 154) }
```


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

```
.border{ border-color:rgb(153, 199, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 199, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 199, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 199, 154); box-shadow:4px 4px 4px 4px rgb(153, 199, 154) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.6769, -24.1944, 17.4809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 199, 154) }
```

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

```
.background{ background-color: rgb(153,  
199, 154) }
```

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