

Converting Colors

HunterLab(55.1112, -21.0139,
19.2134)

Have a look what the booklet for
HunterLab(55.1112, -21.0139,
19.2134) contains.

HunterLab(55.1112, -21.0139, 19.2134)	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(55.1112,
-21.0139, 19.2134)**

Conversions

Conversions Part 1

Format	Color
Hex	7BA069
RGB	123, 160, 105
RGB Percent	48%, 63%, 41%
CMY	0.5176, 0.3725, 0.5882
CMYK	0.23, 0.00, 0.34, 0.37
HSL	100°, 22%, 52%
HSV	100°, 34%, 63%
XYZ	23.2889, 30.3724, 17.9996
YIQ	142.6670, -4.3970, -24.9490

Conversions

Conversions Part 2

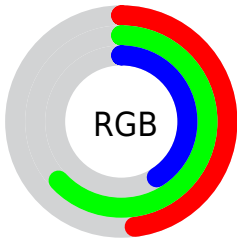
Format	Color
RYB	105, 160, 142
Decimal	8101993
CIELab	61.98, -23.22, 24.67
CIElCh	62, 33.882, 133.262
Yxy	30.3738, 0.3250, 0.4238
Android (android.graphics.Color)	4286292073 (0xFF7BA069)
YUV	142.6670, -18.5698, -17.2480
Hunter-Lab	55.1112, -21.0139, 19.2134

Details

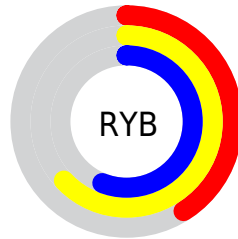
The HunterLab color $55.1112, -21.0139, 19.2134$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $42.8870, 18.8174, -19.2239$, and the grayscale version is $52.3505, -2.7933, 2.8443$.

A 20% lighter version of the original color is $77.6307, -24.8166, 23.0391$, and $35.2661, -16.9277, 14.9267$ is the 20% darker color. If you saturate the color by 10%, you get $54.1520, -25.2580, 22.5777$, and if you desaturate by 10%, it is $56.1893, -16.3175, 15.2498$.

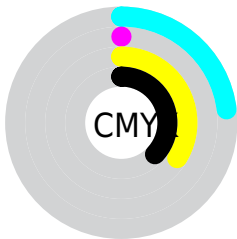
Distribution



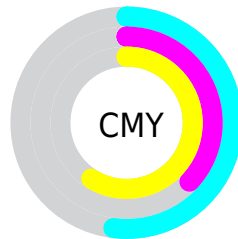
- Red (48%)
- Green (63%)
- Blue (41%)



- Red (41%)
- Yellow (63%)
- Blue (56%)



- Cyan (23%)
- Magenta (0%)
- Yellow (34%)
- Black (37%)



- Cyan (52%)
- Magenta (37%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.1112, -21.0139, 19.2134 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 55.1112, -21.0139, 19.2134 by changing the saturation by 10% instead.

■ 55.1112, -21.0139,
19.2134

■ 55.1112, -21.0139,
19.2134

174.2535,
-36.8484, 35.8568

■ 44.8581, -19.0941,
17.1515

■ 77.6226, -24.6965,
23.1323

■ 35.3328, -17.0929,
14.9881

■ 89.8049, -26.4826,
25.0198

■ 26.5975, -14.9786,
12.6856

■ 102.5652,
-28.2437, 26.8737

■ 18.7312, -12.6970,
10.1875

■ 115.8784,
-29.9860, 28.7018

■ 11.8434, -10.2777,
8.2904

129.7225,
-31.7142, 30.5098

■ 4.6764, -8.1837,
3.2735

144.0778,

0.0000, NaN, NaN

-33.4320, 32.3026

0.0000, NaN, NaN

158.9268,
-35.1426, 34.0839

0.0000, NaN, NaN

■ 55.1112, -21.0139,
19.2134

■ 55.1112, -21.0139,
19.2134

■ 54.1520, -25.2580,
22.5777

■ 56.1893, -16.3175,
15.2498

■ 53.3084, -29.0204,
25.3295

■ 57.3813, -11.1966,
10.7069

■ 52.5809, -32.2840,
27.4700

■ 58.6860, -5.6871,
5.6141

■ 51.9672, -35.0400,
29.0150

■ 60.1006, 0.1743,
0.0054

■ 51.4633, -37.2920,
29.9990

■ 61.6215, 6.3505,
-6.0822

■ 51.0632, -39.0588,
30.4811

■ 63.2448, 12.8056,
-12.6098

■ 50.8748, -39.8888,
30.6505

■ 64.9664, 19.5050,
-19.5390

■ 66.7821, 26.4169,
-26.8319

■ 68.6875, 33.5119,
-34.4527

Harmonies

Analogous

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



55.1124, -9.2816, 23.2849



55.1112, -21.0139, 19.2134



55.1124, -27.4931, 10.1984

Triad

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



55.1124, -21.0151, 19.2139



55.1124, -10.8535, -29.4772



55.1124, 27.3689, 8.8208

Complementary

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



55.1112, -21.0139, 19.2134



42.8870, 18.8174, -19.2239

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.



55.1124, 26.8342, -5.3232



55.1112, -21.0139, 19.2134



55.1124, 3.6944, -30.1302

Square

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



55.1124, -21.0151, 19.2139



55.1124, -22.0616, -18.8027



55.1124, 17.8056, -20.4045



55.1124, 19.1979, 18.4344

Rectangle

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



55.1112, -21.0139, 19.2134



55.1124, -28.4294, 1.4474



55.1124, 17.8056, -20.4045



55.1124, 28.2250, 4.5085

Sweetspot

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



55.1124, -21.0151, 19.2139



78.0356, -12.0427, 11.6446



52.6704, -1.7828, 17.3793



36.4379, -6.0925, 5.8695



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



55.1124, -21.0151, 19.2139



73.2866, -32.6171, 29.3296



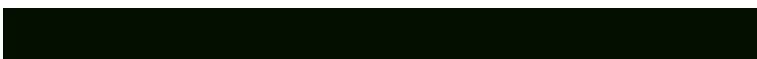
54.1894, -24.1943, 15.4946



27.3883, -3.9698, 3.8493



44.9253, -35.1029, 27.0682



6.1846, -3.9607, 3.7416

Inverse Universe

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



42.8870, 18.8174, -19.2239



53.5680, 31.9357, -33.2694



44.5045, 22.8784, -11.0884



25.7793, 1.2296, -1.1281



21.1371, 45.5513, -58.8485



3.1902, 6.5714, -6.5283

Previews

White Background



This preview shows how the HunterLab color 55.1112, -21.0139, 19.2134 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 55.1112, -21.0139, 19.2134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

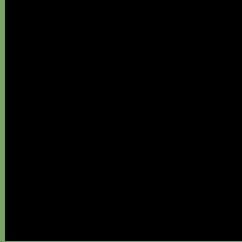
Any Text WCAG AA ✓ Pass

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 55.1112, -21.0139, 19.2134 Background



This preview shows how black text looks on a background with the HunterLab color 55.1112, -21.0139, 19.2134.



This preview shows how white text looks on a background with the HunterLab color 55.1112,

-21.0139, 19.2134.

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

55.1112, -21.0139, 19.2134

Protanopia

54.8779, -4.9722, 20.4267

Deuteranopia

54.8600, 3.9312, 18.2370



Tritanopia

55.1404, -6.8303, -4.4185

Trichromacy



Original Color

55.1112, -21.0139, 19.2134

Protanomaly

54.8066, -11.2248, 19.9764

Deuteranomaly

54.5396, -5.9029, 18.0806

Tritanomaly

55.1609, -12.7206, 5.8353

Monochromacy



Original Color

55.1112, -21.0139, 19.2134

Achromatopsia

52.4097, -2.7964, 2.8475

Achromatomaly

53.2110, -9.7138, 9.4767

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.1112, -21.0139, 19.2134 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(123, 160, 105)` looks like.

```
.text, #text, p{  
    color:rgb(123, 160, 105)  
}
```

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(123, 160, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 160, 105) }
```

Border

The CSS property to change the border of an element to HunterLab 55.1112, -21.0139, 19.2134 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(123, 160, 105) }
```


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

```
.border{ border-color:rgb(123, 160, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 160, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 160, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 160, 105);  
box-shadow:4px 4px 4px 4px rgb(123, 160,  
105) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.1112, -21.0139, 19.2134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 160, 105) }
```

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

```
.background{ background-color: rgb(123,  
160, 105) }
```

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