

Converting Colors

HunterLab(63.2054, -22.6011,
11.0868)

Have a look what the booklet for
HunterLab(63.2054, -22.6011,
11.0868) contains.

HunterLab(63.2054, -22.6011, 11.0868)	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(63.2054,
-22.6011, 11.0868)**

Conversions

Conversions Part 1

Format	Color
Hex	81B597
RGB	129, 181, 151
RGB Percent	51%, 71%, 59%
CMY	0.4941, 0.2902, 0.4078
CMYK	0.29, 0.00, 0.17, 0.29
HSL	145°, 26%, 61%
HSV	145°, 29%, 71%
XYZ	31.1630, 39.9492, 35.3466
YIQ	162.0320, -21.3620, -20.3540

Conversions

Conversions Part 2

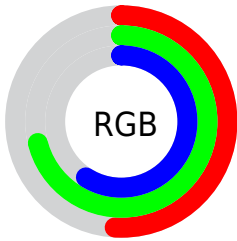
Format	Color
RYB	129, 166, 181
Decimal	8500631
CIELab	69.43, -23.47, 9.85
CIELCh	69, 25.453, 157.245
Yxy	39.9509, 0.2927, 0.3753
Android (android.graphics.Color)	4286690711 (0xFF81B597)
YUV	162.0320, -5.4388, -28.9691
Hunter-Lab	63.2054, -22.6011, 11.0868

Details

The HunterLab color $63.2054, -22.6011, 11.0868$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $52.9419, 19.1738, -3.7777$, and the grayscale version is $60.1509, -3.2095, 3.2681$.

A 20% lighter version of the original color is $86.6276, -26.2512, 13.3893$, and $42.4006, -18.7941, 8.9390$ is the 20% darker color. If you saturate the color by 10%, you get $61.9131, -28.0755, 13.6920$, and if you desaturate by 10%, it is $64.6920, -16.5063, 8.4828$.

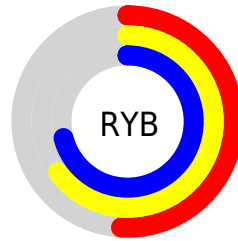
Distribution



Red (51%)

Green (71%)

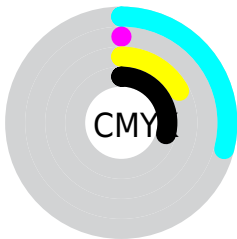
Blue (59%)



Red (51%)

Yellow (65%)

Blue (71%)

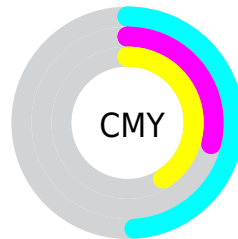


Cyan (29%)

Magenta (0%)

Yellow (17%)

Black (29%)



Cyan (49%)

Magenta (29%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.2054, -22.6011, 11.0868 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 63.2054, -22.6011, 11.0868 by changing the saturation by 10% instead.

■ 63.2054, -22.6011,
11.0868

■ 63.2054, -22.6011,
11.0868

185.9883,
-38.4151, 21.4706

■ 52.4407, -20.7115,
9.9752

■ 86.6537, -26.2515,
13.3225

■ 42.3666, -18.7563,
8.8598

■ 99.2697, -28.0307,
14.4512

■ 33.0357, -16.7125,
7.7332

■ 112.4446,
-29.7890, 15.5899

■ 24.5128, -14.5422,
6.5824

126.1558,
-31.5316, 16.7401

■ 16.8831, -12.1821,
5.3846

140.3829,
-33.2626, 17.9026

■ 10.2671, -10.6702,
4.5945

155.1080,

0.0000, NaN, NaN

-34.9852, 19.0782

0.0000, NaN, NaN

170.3148,
-36.7019, 20.2674

0.0000, NaN, NaN

■ 63.2054, -22.6011,
11.0868

■ 63.2054, -22.6011,
11.0868

■ 61.9131, -28.0755,
13.6920

■ 64.6920, -16.5063,
8.4828

■ 60.8119, -32.8752,
16.2662

■ 66.3660, -9.8482,
5.9044

■ 59.9009, -36.9641,
18.7784

■ 68.2237, -2.6931,
3.3756

■ 59.1747, -40.3242,
21.1960

■ 70.2587, 4.8930,
0.9151

■ 58.6239, -42.9605,
23.4871

■ 72.4635, 12.8461,
-1.4624

■ 58.2344, -44.9066,
25.6215

■ 74.8301, 21.1063,
-3.7462

■ 57.9765, -46.2707,
27.5627

■ 77.2635, 29.3564,
-6.0480

■ 57.9474, -46.4258,
27.7906

■ 77.6409, 31.2559,
-11.3680

■ 78.0391, 33.2512,
-16.9546

Harmonies

Analogous

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



63.2067, -16.2786, 18.0691



63.2054, -22.6011, 11.0868



63.2067, -23.9566, 0.7144

Triad

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



63.2067, -22.6021, 11.0876



63.2067, -0.5472, -21.3458



63.2067, 15.3171, 14.9504

Complementary

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



63.2054, -22.6011, 11.0868



52.9419, 19.1738, -3.7777

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.



63.2067, 20.2298, 6.0504



63.2054, -22.6011, 11.0868



63.2067, 10.6527, -15.8207

Square

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



63.2067, -22.6021, 11.0876



63.2067, -11.7489, -19.3391



63.2067, 18.4643, -5.3002



63.2067, 5.4569, 20.0036

Rectangle

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



63.2054, -22.6011, 11.0868



63.2067, -21.9552, -7.0293



63.2067, 18.4643, -5.3002



63.2067, 17.6330, 12.3782

Sweetspot

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



63.2067, -22.6021, 11.0876



88.7148, -13.5680, 8.0455



64.8379, -17.5183, 20.6539



41.0879, -6.9208, 3.9694



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



63.2067, -22.6021, 11.0876



83.5441, -34.6293, 16.8752



63.9356, -18.4126, 0.6615



30.8995, -4.7796, 2.8227



48.1258, -38.4601, 22.8713



8.6053, -6.3969, 3.0532

Inverse Universe

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



52.9419, 19.1738, -3.7777



67.2254, 31.9752, -6.6732



52.1803, 15.2919, 7.0691



29.2997, 1.6973, 0.4922



27.3522, 49.4338, -2.4217



4.9675, 9.1848, -2.0449

Previews

White Background



This preview shows how the HunterLab color 63.2054, -22.6011, 11.0868 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 63.2054, -22.6011, 11.0868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

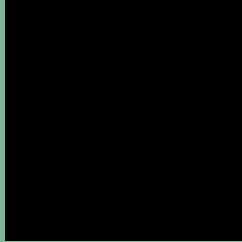
Any Text WCAG AA ✓ Pass

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 63.2054, -22.6011, 11.0868 Background



This preview shows how black text looks on a background with the HunterLab color 63.2054, -22.6011, 11.0868.



This preview shows how white text looks on a background with the HunterLab color 63.2054,

-22.6011, 11.0868.

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

63.2054, -22.6011, 11.0868

Protanopia

62.8606, -3.5956, 13.4050

Deuteranopia

62.8555, 4.3034, 9.5553



Tritanopia

63.3141, -11.7412, -6.8107

Trichromacy



Original Color

63.2054, -22.6011, 11.0868

Protanomaly

62.8230, -11.3261, 12.4616

Deuteranomaly

62.7753, -6.4796, 9.6939

Tritanomaly

63.2801, -15.9943, 0.2285

Monochromacy



Original Color

63.2054, -22.6011, 11.0868

Achromatopsia

60.1088, -3.2073, 3.2658

Achromatomaly

61.0971, -10.6914, 6.0696

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.2054, -22.6011, 11.0868 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(129, 181, 151)` looks like.

```
.text, #text, p{  
    color:rgb(129, 181, 151)  
}
```

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(129, 181, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 181, 151) }
```

Border

The CSS property to change the border of an element to HunterLab 63.2054, -22.6011, 11.0868 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(129, 181, 151) }
```


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

```
.border{ border-color:rgb(129, 181, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 181, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 181, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 181, 151);  
box-shadow:4px 4px 4px 4px rgb(129, 181,  
151) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.2054, -22.6011, 11.0868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 181, 151) }
```

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

```
.background{ background-color: rgb(129,  
181, 151) }
```

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