

Converting Colors

HunterLab(82.0700, -30.7191,
30.6808)

Have a look what the booklet for
HunterLab(82.0700, -30.7191,
30.6808) contains.

HunterLab(82.0700, -30.7191, 30.6808)	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(82.0700,
-30.7191, 30.6808)**

Conversions

Conversions Part 1

Format	Color
Hex	B5E491
RGB	181, 228, 145
RGB Percent	71%, 89%, 57%
CMY	0.2902, 0.1059, 0.4314
CMYK	0.21, 0.00, 0.36, 0.11
HSL	94°, 61%, 73%
HSV	94°, 36%, 89%
XYZ	51.9103, 67.3548, 37.0529
YIQ	204.4850, -1.3690, -35.7770

Conversions

Conversions Part 2

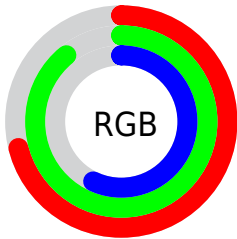
Format	Color
RYB	145, 228, 192
Decimal	11920529
CIELab	85.68, -29.59, 35.68
CIELCh	86, 46.354, 129.663
Yxy	67.3578, 0.3321, 0.4309
Android (android.graphics.Color)	4290110609 (0xFFB5E491)
YUV	204.4850, -29.3261, -20.5963
Hunter-Lab	82.0700, -30.7191, 30.6808

Details

The HunterLab color $82.0700, -30.7191, 30.6808$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $60.8775, 27.9610, -33.4865$, and the grayscale version is $78.0372, -4.1639, 4.2399$.

A 20% lighter version of the original color is $96.8851, -19.4953, 25.9191$, and $58.9978, -26.1533, 25.4891$ is the 20% darker color. If you saturate the color by 10%, you get $80.7677, -36.5048, 35.5653$, and if you desaturate by 10%, it is $83.5267, -24.3177, 24.8150$.

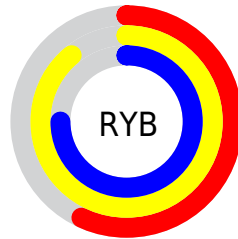
Distribution



Red (71%)

Green (89%)

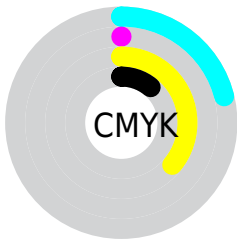
Blue (57%)



Red (57%)

Yellow (89%)

Blue (75%)

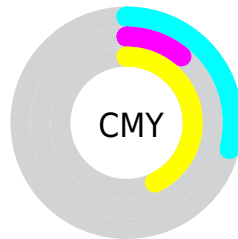


Cyan (21%)

Magenta (0%)

Yellow (36%)

Black (11%)



Cyan (29%)

Magenta (11%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.0700, -30.7191, 30.6808 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 82.0700, -30.7191, 30.6808 by changing the saturation by 10% instead.

■ 82.0700, -30.7191,
30.6808

■ 82.0700, -30.7191,
30.6808

212.4187,
-48.6913, 51.3585

■ 70.2677, -28.5742,
28.1323

■ 107.4397,
-34.8779, 35.5613

■ 59.0909, -26.3651,
25.4867

■ 120.9523,
-36.9058, 37.9173

■ 48.5791, -24.0758,
22.7202

134.9881,
-38.9087, 40.2301

■ 38.7771, -21.6803,
19.7997

149.5285,
-40.8915, 42.5068

■ 29.7407, -19.1403,
16.6806

164.5564,
-42.8581, 44.7536

■ 21.5413, -16.3950,
13.4242

180.0565,

■ 14.2751, -13.3391,

-44.8118, 46.9751

9.9926

196.0149,
-46.7555, 49.1756

■ 7.9328, -13.8823,
5.5529

0.0000, NaN, NaN

■ 82.0700, -30.7191,
30.6808

■ 82.0700, -30.7191,
30.6808

■ 80.7677, -36.5048,
35.5653

■ 83.5267, -24.3177,
24.8150

■ 79.6142, -41.6434,
39.4628

■ 85.1316, -17.3287,
17.9852

■ 78.6091, -46.1214,
42.3911

■ 86.8843, -9.7930,
10.2248

■ 77.7488, -49.9364,
44.3915

■ 88.7818, -1.7535,
1.5763

■ 77.0271, -53.1027,
45.5363

■ 90.6769, 5.9765,
-5.8809

■ 76.4346, -55.6576,
45.9416

■ 91.6349, 9.1781,
-4.5878

■ 76.2468, -56.4622,
45.9945

Harmonies

Analogous

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



82.0718, -11.6681, 36.0369



82.0700, -30.7191, 30.6808



82.0718, -41.8364, 17.7723

Triad

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



82.0718, -30.7210, 30.6816



82.0718, -19.1803, -45.5162



82.0718, 43.8673, 11.2131

Complementary

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



82.0700, -30.7191, 30.6808



60.8775, 27.9610, -33.4865

Split Complementary

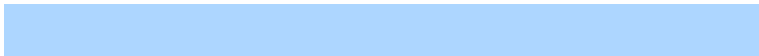
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.0718, 41.2854, -11.5219



82.0700, -30.7191, 30.6808



82.0718, 3.1643, -48.6997

Square

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



82.0718, -30.7210, 30.6816



82.0718, -35.6994, -27.1381



82.0718, 25.7609, -34.9168



82.0718, 32.4702, 27.0193

Rectangle

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



82.0700, -30.7191, 30.6808



82.0718, -44.0543, 4.7143



82.0718, 25.7609, -34.9168



82.0718, 44.6317, 4.2197

Sweetspot

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



82.0718, -30.7210, 30.6816



97.6904, -15.1824, 15.8460



74.5989, 2.6419, 24.7223



45.0708, -7.5628, 7.8850

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



82.0718, -30.7210, 30.6816



91.9964, -40.1042, 39.2889



79.8025, -39.3143, 27.3130



40.4886, -5.6985, 5.9523



57.9959, -42.6629, 34.9899



15.9360, -10.8925, 9.6290

Inverse Universe

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



60.8775, 27.9610, -33.4865



63.2260, 40.0862, -49.0567



64.9001, 39.2279, -23.6528



37.7992, 1.6639, -2.0023



24.5073, 55.1671, -86.4695



7.0605, 15.4764, -21.6790

Previews

White Background



This preview shows how the HunterLab color 82.0700, -30.7191, 30.6808 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 82.0700, -30.7191, 30.6808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

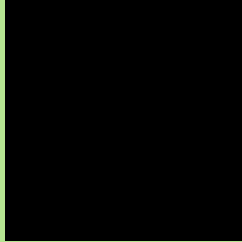
Any Text WCAG AA ✓ Pass

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 82.0700, -30.7191, 30.6808 Background



This preview shows how black text looks on a background with the HunterLab color 82.0700, -30.7191, 30.6808.



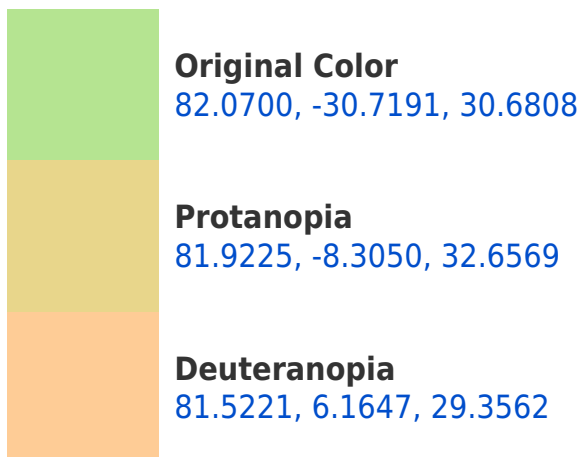
This preview shows how white text looks on a background with the HunterLab color 82.0700,

-30.7191, 30.6808.

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

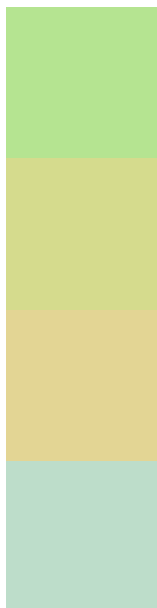




Tritanopia

81.8752, -8.3039, -6.0635

Trichromacy



Original Color

82.0700, -30.7191, 30.6808

Protanomaly

81.6898, -17.1398, 31.7473

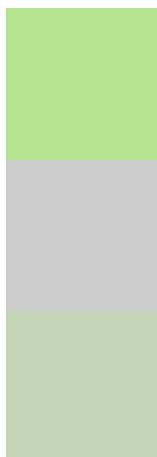
Deuteranomaly

81.2758, -8.6623, 29.4920

Tritanomaly

81.7288, -17.4350, 9.5197

Monochromacy



Original Color

82.0700, -30.7191, 30.6808

Achromatopsia

77.7063, -4.1462, 4.2219

Achromatomaly

79.2106, -14.4369, 15.0233

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 82.0700, -30.7191, 30.6808 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(181, 228, 145)` looks like.

```
.text, #text, p{  
    color:rgb(181, 228, 145)  
}
```

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(181, 228, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 228, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 82.0700, -30.7191, 30.6808 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(181, 228, 145) }
```


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

```
.border{ border-color:rgb(181, 228, 145) }
```

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

Here you see how a box with a 4 pixel rgb(181, 228, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 228, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 228, 145);  
box-shadow:4px 4px 4px 4px rgb(181, 228,  
145) }
```

Background

The CSS property to change the background color of an element to HunterLab 82.0700, -30.7191, 30.6808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 228, 145) }
```

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

```
.background{ background-color: rgb(181,  
228, 145) }
```

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