

Converting Colors

HunterLab(63.4791, 30.4235,
-31.4599)

Have a look what the booklet for
HunterLab(63.4791, 30.4235,
-31.4599) contains.

HunterLab(63.3707, 30.5442, -31.8444)	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(63.3707, 30.5442,
-31.8444)**

Conversions

Conversions Part 1

Format	Color
Hex	CC95E8
RGB	204, 149, 232
RGB Percent	80%, 58%, 91%
CMY	0.2000, 0.4157, 0.0902
CMYK	0.12, 0.36, 0.00, 0.09
HSL	280°, 64%, 75%
HSV	280°, 36%, 91%
XYZ	50.2148, 40.1585, 81.4487
YIQ	174.9070, 6.1370, 37.4730

Conversions

Conversions Part 2

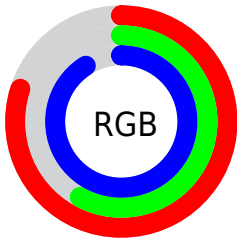
Format	Color
RYB	204, 149, 232
Decimal	13407720
CIELab	69.58, 35.31, -34.00
CIElCh	70, 49.019, 316.089
Yxy	40.1601, 0.2923, 0.2337
Android (android.graphics.Color)	4291597800 (0xFFCC95E8)
YUV	174.9070, 28.1468, 25.5146
Hunter-Lab	63.3707, 30.5442, -31.8444

Details

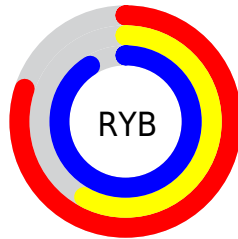
The HunterLab color $63.3707, 30.5442, -31.8444$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $83.2053, -33.1654, 30.4277$, and the grayscale version is $65.3220, -3.4854, 3.5491$.

A 20% lighter version of the original color is $84.6556, 22.3977, -13.7036$, and $42.5130, 28.4943, -30.5884$ is the 20% darker color. If you saturate the color by 10%, you get $56.9712, 40.7037, -43.6338$, and if you desaturate by 10%, it is $70.2714, 20.4395, -20.7554$.

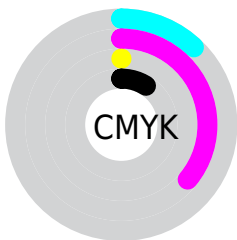
Distribution



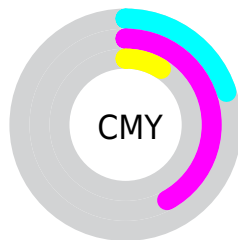
- Red (80%)
- Green (58%)
- Blue (91%)



- Red (80%)
- Yellow (58%)
- Blue (91%)



- Cyan (12%)
- Magenta (36%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (42%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.3707, 30.5442, -31.8444 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 63.3707, 30.5442, -31.8444 by changing the saturation by 10% instead.

63.3707, 30.5442,
-31.8444

63.3707, 30.5442,
-31.8444

186.2252, 36.3762,
-35.0843

52.5960, 29.4671,
-31.2461

86.8374, 32.3879,
-32.9115

42.5113, 28.2764,
-30.6275

99.4618, 33.1745,
-33.3722

33.1689, 26.9603,
-30.0228

112.6449, 33.8801,
-33.7816

24.6334, 25.5117,
-29.5099

126.3639, 34.5105,
-34.1398

16.9897, 23.9384,
-29.2783

140.5986, 35.0711,
-34.4478

10.3574, 22.3122,
-29.8736

155.3310, 35.5663,

0.0000, INF, -NF

-34.7069

0.0000, NaN, -NF

170.5448, 36.0001,
-34.9185

0.0000, NaN, NaN

■ 63.3707, 30.5442,
-31.8444

■ 63.3707, 30.5442,
-31.8444

■ 56.9712, 40.7037,
-43.6338

■ 70.2714, 20.4395,
-20.7554

■ 51.1702, 50.6900,
-56.0408

■ 77.5885, 10.4975,
-10.3459

■ 46.0899, 60.0636,
-68.7577

■ 85.2599, 0.7487,
-0.5404

■ 41.8617, 68.1211,
-81.1417

■ 93.2357, -8.8106,
8.7484

■ 38.5999, 73.9534,
-92.1867

■ 98.1962, -13.0880,
14.1827

■ 36.3476, 76.7703,
-100.7917

■ 98.9183, -10.5282,
15.0090

■ 35.5954, 77.3257,
-103.8769

■ 99.3007, -9.1805,
15.4444

Harmonies

Analogous

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



63.3720, 8.9358, -49.5601



63.3707, 30.5442, -31.8444



63.3720, 43.8153, -7.1564

Triad

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



63.3720, 30.5427, -31.8427



63.3720, 7.2523, 31.6357



63.3720, -39.5323, -8.9217

Complementary

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



63.3707, 30.5442, -31.8444



83.2053, -33.1654, 30.4277

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.



63.3720, -39.8526, 12.4897



63.3707, 30.5442, -31.8444



63.3720, -14.8306, 31.4507

Square

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



63.3720, 30.5427, -31.8427



63.3720, 29.1643, 26.3535



63.3720, -31.4005, 25.7120



63.3720, -30.4549, -33.5136

Rectangle

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



63.3707, 30.5442, -31.8444



63.3720, 45.1130, 7.6236



63.3720, -31.4005, 25.7120



63.3720, -40.6201, -1.0294

Sweetspot

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



63.3720, 30.5427, -31.8427



90.3549, 6.5391, -6.2899



66.3914, -0.8659, -27.2837



41.2660, 3.7109, -3.6018

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.3720, 30.5427, -31.8427



65.1804, 42.4297, -45.1513



66.1784, 37.6241, -18.9462



37.8933, 1.9815, -1.8760



26.6569, 57.7841, -76.8309



7.5870, 16.1432, -19.5176

Inverse Universe

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



64.6735, 30.2408, 2.2469



67.0891, 41.9605, 2.8001



81.6657, -38.6002, 25.0140



38.0103, 1.9350, 1.6955



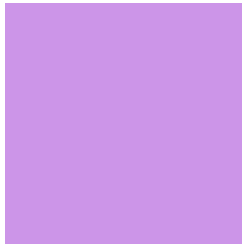
31.3891, 54.8015, 12.1695



8.6309, 15.2570, 1.8844

Previews

White Background



This preview shows how the HunterLab color 63.3707, 30.5442, -31.8444 looks on a white background.

Color Contrast Check

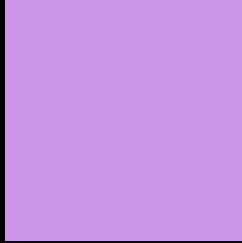
Large Text (above 18pt) WCAG AA × Fail

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 63.3707, 30.5442, -31.8444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

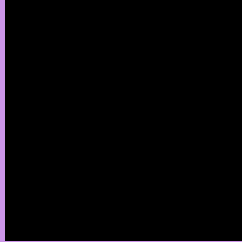
Any Text WCAG AA ✓ Pass

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 63.3707, 30.5442, -31.8444 Background



This preview shows how black text looks on a background with the HunterLab color 63.3707, 30.5442, -31.8444.



This preview shows how white text looks on a background with the HunterLab color 63.3707, 30.5442, -31.8444.

-31.8444.

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

63.3707, 30.5442, -31.8444

Protanopia

63.8282, 7.0658, -42.2848

Deuteranopia

63.6213, 4.6282, -29.1176



Tritanopia

63.3623, 9.9442, 1.7469

Trichromacy



Original Color

63.3707, 30.5442, -31.8444



Protanomaly

63.2515, 14.8855, -39.5072



Deuteranomaly

63.1803, 13.4655, -30.3971



Tritanomaly

63.2928, 16.7004, -9.0714

Monochromacy



Original Color

63.3707, 30.5442, -31.8444



Achromatopsia

65.4745, -3.4936, 3.5574



Achromatomaly

64.5733, 8.2107, -8.0182

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.3707, 30.5442, -31.8444 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(204, 149, 232)` looks like.

```
.text, #text, p{  
    color:rgb(204, 149, 232)  
}
```

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(204, 149, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 149, 232) }
```

Border

The CSS property to change the border of an element to HunterLab 63.3707, 30.5442, -31.8444 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(204, 149, 232) }
```


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

```
.border{ border-color:rgb(204, 149, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 149, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 149, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 149, 232);  
box-shadow:4px 4px 4px 4px rgb(204, 149,  
232) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.3707, 30.5442, -31.8444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 149, 232) }
```

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

```
.background{ background-color: rgb(204,  
149, 232) }
```

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