

Converting Colors

HunterLab(66.6212, 54.6417,
-94.7025)

Have a look what the booklet for
HunterLab(66.6212, 54.6417,
-94.7025) contains.

HunterLab(63.1372, 38.3661, -49.2665)	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(63.1372, 38.3661,
-49.2665)**

Conversions

Conversions Part 1

Format	Color
Hex	CB90FF
RGB	203, 144, 255
RGB Percent	80%, 56%, 100%
CMY	0.2039, 0.4353, 0.0000
CMYK	0.20, 0.44, 0.00, 0.00
HSL	272°, 100%, 78%
HSV	272°, 44%, 100%
XYZ	52.6519, 39.8631, 99.5271
YIQ	174.2950, -0.4670, 47.0290

Conversions

Conversions Part 2

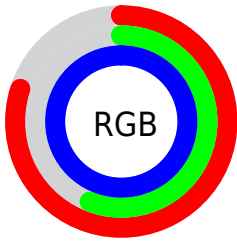
Format	Color
RYB	203, 144, 255
Decimal	13340927
CIELab	69.37, 42.66, -46.90
CIELCh	69, 63.401, 312.285
Yxy	39.8646, 0.2742, 0.2076
Android (android.graphics.Color)	4291531007 (0xFFFCB90FF)
YUV	174.2950, 39.7876, 25.1743
Hunter-Lab	63.1372, 38.3661, -49.2665

Details

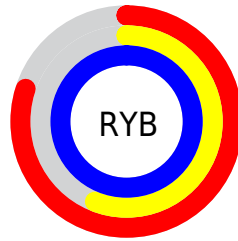
The HunterLab color $63.1372, 38.3661, -49.2665$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $92.3416, -38.7345, 39.2799$, and the grayscale version is $65.0230, -3.4695, 3.5328$.

A 20% lighter version of the original color is $83.2627, 25.1811, -15.6216$, and $42.3492, 35.7003, -48.0775$ is the 20% darker color. If you saturate the color by 10%, you get $56.0175, 48.8293, -64.7620$, and if you desaturate by 10%, it is $70.8682, 27.9653, -34.9928$.

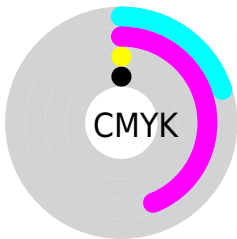
Distribution



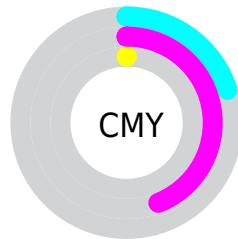
- Red (80%)
- Green (56%)
- Blue (100%)



- Red (80%)
- Yellow (56%)
- Blue (100%)



- Cyan (20%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)





- Cyan (20%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.1372, 38.3661, -49.2665 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 63.1372, 38.3661, -49.2665 by changing the saturation by 10% instead.


 63.1372, 38.3661,
-49.2665


 63.1372, 38.3661,
-49.2665


185.8904, 46.5323,
-54.8396

 52.3765, 37.0018,
-48.5657


 86.5779, 40.7704,
-50.7149

 42.3068, 35.5220,
-47.9518


 99.1903, 41.8283,
-51.4183

 32.9807, 33.9210,
-47.5281


112.3619, 42.7989,
-52.0904

 24.4630, 32.2048,
-47.5107

126.0698, 43.6882,
-52.7250

 16.8392, 30.4135,
-48.3997

140.2938, 44.5017,
-53.3186

 10.2299, 28.7128,
-51.6015

155.0159, 45.2441,

0.0000, INF, -NF

-53.8693

0.0000, NaN, -NF

170.2197, 45.9197,
-54.3764

0.0000, NaN, -NF

■ 63.1372, 38.3661,
-49.2665

■ 63.1372, 38.3661,
-49.2665

■ 56.0175, 48.8293,
-64.7620

■ 70.8682, 27.9653,
-34.9928

■ 49.6451, 59.0303,
-81.3633

■ 79.0985, 17.7653,
-21.8642

■ 44.1905, 68.3191,
-98.5082

■ 87.7463, 7.7989,
-9.7208

■ 39.8328, 75.6542,
-114.9516

■ 96.7488, -1.9456,
1.6042

■ 36.7013, 79.8230,
-128.8240

100.0000, -5.3358,
5.4332

■ 35.2364, 80.8330,
-136.0627

Harmonies

Analogous

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



63.1384, 8.8454, -72.7242



63.1372, 38.3661, -49.2665



63.1384, 58.4991, -14.7821

Triad

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



63.1384, 38.3648, -49.2640



63.1384, 14.3739, 35.8385



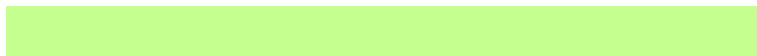
63.1384, -48.8755, -8.8281

Complementary

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



63.1372, 38.3661, -49.2665



92.3416, -38.7345, 39.2799

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.



63.1384, -47.9316, 17.4546



63.1372, 38.3661, -49.2665



63.1384, -14.7262, 36.2796

Square

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



63.1384, 38.3648, -49.2640



63.1384, 43.0319, 29.5961



63.1384, -36.4729, 31.3045



63.1384, -39.3344, -43.2616

Rectangle

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



63.1372, 38.3661, -49.2665



63.1384, 62.0216, 5.5007



63.1384, -36.4729, 31.3045



63.1384, -49.7180, 1.3008

Sweetspot

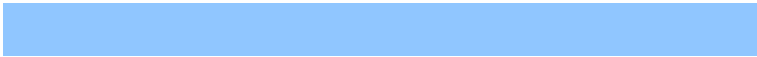
The Sweet Spot groups the original color and five complimentary colors.



63.1384, 38.3648, -49.2640



88.2132, 7.2792, -9.1040



73.0609, -6.5119, -31.8698



39.9114, 4.3750, -5.4123

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.1384, 38.3648, -49.2640



57.0609, 47.2363, -62.3160



69.5048, 55.4866, -35.5783



42.2529, 1.7826, -2.3479



25.6464, 58.6299, -97.4544



8.3992, 18.7571, -28.4730

Inverse Universe

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



67.2259, 44.7954, -3.8516



62.2575, 54.3461, -4.1432



89.1742, -51.0873, 36.0132



42.5778, 2.4746, 1.2142



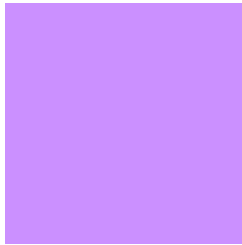
34.4094, 61.0523, 5.7608



10.8382, 19.4193, 0.3487

Previews

White Background



This preview shows how the HunterLab color 63.1372, 38.3661, -49.2665 looks on a white background.

Color Contrast Check

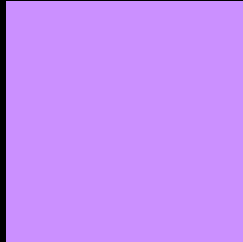
Large Text (above 18pt) WCAG AA × Fail

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 63.1372, 38.3661, -49.2665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

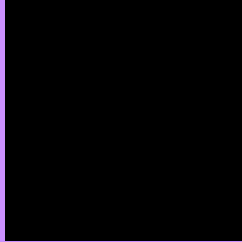
Any Text WCAG AA ✓ Pass

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 63.1372, 38.3661, -49.2665 Background



This preview shows how black text looks on a background with the HunterLab color 63.1372, 38.3661, -49.2665.



This preview shows how white text looks on a background with the HunterLab color 63.1372, 38.3661, -49.2665.

-49.2665.

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

63.1372, 38.3661, -49.2665

Protanopia

63.4513, 8.0982, -49.1629

Deuteranopia

63.2916, 5.5751, -45.6266



Tritanopia

63.1530, 7.8928, 0.9761

Trichromacy



Original Color

63.1372, 38.3661, -49.2665



Protanomaly

63.0061, 18.2142, -49.8849



Deuteranomaly

62.6882, 16.9093, -48.1789

Tritanomaly

62.7729, 18.4671, -14.9534

Monochromacy



Original Color

63.1372, 38.3661, -49.2665



Achromatopsia

65.0590, -3.4714, 3.5348



Achromatomaly

63.8909, 10.7959, -12.8730

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.1372, 38.3661, -49.2665 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(203, 144, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 144, 255)  
}
```

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(203, 144, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 144, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 63.1372, 38.3661, -49.2665 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(203, 144, 255) }
```


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

```
.border{ border-color:rgb(203, 144, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 144, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 144, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 144, 255); box-shadow:4px 4px 4px 4px rgb(203, 144, 255) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.1372, 38.3661, -49.2665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 144, 255) }
```

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

```
.background{ background-color: rgb(203,  
144, 255) }
```

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