

Converting Colors

HunterLab(70.5857, 16.9450,
-48.2951)

Have a look what the booklet for
HunterLab(70.5857, 16.9450,
-48.2951) contains.

HunterLab(69.8313, 12.7421, -37.0736)	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(69.8313, 12.7421,
-37.0736)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B2FF
RGB	180, 178, 255
RGB Percent	71%, 70%, 100%
CMY	0.2941, 0.3019, 0.0000
CMYK	0.29, 0.30, 0.00, 0.00
HSL	242°, 100%, 85%
HSV	242°, 30%, 100%
XYZ	52.7928, 48.7641, 101.2377
YIQ	187.3760, -23.5250, 24.3710

Conversions

Conversions Part 2

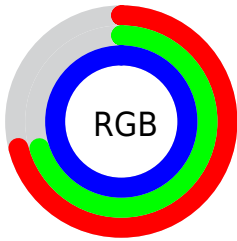
Format	Color
RYB	180, 178, 255
Decimal	11842303
CIELab	75.31, 17.45, -37.78
CIELCh	75, 41.618, 294.793
Yxy	48.7659, 0.2603, 0.2405
Android (android.graphics.Color)	4290032383 (0xFFB4B2FF)
YUV	187.3760, 33.3386, -6.4688
Hunter-Lab	69.8313, 12.7421, -37.0736

Details

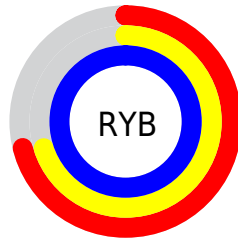
The HunterLab color $69.8313, 12.7421, -37.0736$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $97.7840, -17.2286, 34.4127$, and the grayscale version is $70.5243, -3.7630, 3.8317$.

A 20% lighter version of the original color is $91.6898, -0.0464, -4.6789$, and $48.0671, 12.3762, -36.0649$ is the 20% darker color. If you saturate the color by 10%, you get $60.6838, 20.0207, -54.6911$, and if you desaturate by 10%, it is $79.4523, 6.2214, -21.5325$.

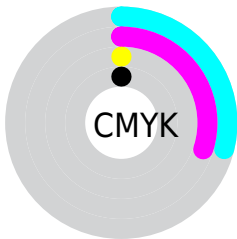
Distribution



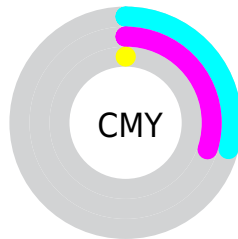
- Red (71%)
- Green (70%)
- Blue (100%)



- Red (71%)
- Yellow (70%)
- Blue (100%)



- Cyan (29%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.8313, 12.7421, -37.0736 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 69.8313, 12.7421, -37.0736 by changing the saturation by 10% instead.

■ 69.8313, 12.7421,
-37.0736

■ 69.8313, 12.7421,
-37.0736

■ 195.4022, 12.2736,
-40.8543

■ 58.6804, 12.4923,
-36.4329

■ 93.9913, 13.0231,
-38.2406

■ 48.1945, 12.1606,
-35.7795

■ 106.9384, 13.0689,
-38.7580

■ 38.4204, 11.7350,
-35.1458

■ 120.4307, 13.0579,
-39.2271

■ 29.4143, 11.2009,
-34.6024

■ 134.4471, 12.9942,
-39.6474

■ 21.2483, 10.5395,
-34.3057

■ 148.9687, 12.8812,
-40.0194

■ 14.0199, 9.7255,
-34.6515

■ 163.9784, 12.7217,

■ 7.6639, 9.7044,

-40.3437

-38.2007

179.4609, 12.5184,
-40.6216

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 69.8313, 12.7421,
-37.0736

■ 69.8313, 12.7421,
-37.0736

■ 60.6838, 20.0207,
-54.6911

■ 79.4523, 6.2214,
-21.5325

■ 52.1263, 28.2766,
-74.9947

■ 89.4598, 0.2777,
-7.5723

■ 44.3379, 37.6952,
-98.5316

99.7958, -5.2320,
5.1945

■ 37.5811, 48.2186,
-125.2568

100.0000, -5.3358,
5.4332

■ 32.2179, 59.0407,

-153.2187

■ 28.6468, 68.0223,
-176.9661

■ 26.9495, 72.9419,
-190.2580

Harmonies

Analogous

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



69.8326, -7.1080, -42.0033



69.8313, 12.7421, -37.0736



69.8326, 29.7110, -20.1138

Triad

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



69.8326, 12.7411, -37.0713



69.8326, 19.2875, 27.1593



69.8326, -37.3573, 6.9686

Complementary

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



69.8313, 12.7421, -37.0736



97.7840, -17.2286, 34.4127

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.



69.8326, -31.8635, 21.4325



69.8313, 12.7421, -37.0736



69.8326, -0.2862, 30.8564

Square

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



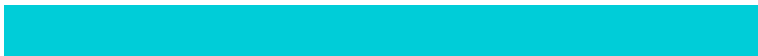
69.8326, 12.7411, -37.0713



69.8326, 33.7724, 17.1940



69.8326, -18.8029, 29.0932



69.8326, -34.6806, -12.9161

Rectangle

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



69.8313, 12.7421, -37.0736



69.8326, 36.3674, -6.2427



69.8326, -18.8029, 29.0932



69.8326, -36.4246, 12.5443

Sweetspot

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



69.8326, 12.7411, -37.0713



90.6783, -0.4010, -5.9908



93.4823, -26.5661, -2.8656



41.2657, 0.1972, -3.6637

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.8326, 12.7411, -37.0713



64.4574, 16.8612, -47.0097



73.4401, 24.1678, -30.7026



41.7136, -0.0533, -3.0797



19.5055, 52.7444, -137.3212



6.1483, 16.5034, -42.3388

Inverse Universe

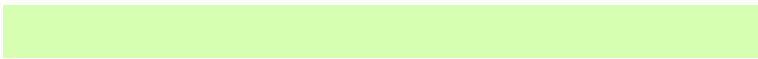
The Inverse Universe completely reimagines the original color for something new.



77.5848, 36.5282, -22.5688



73.8870, 44.7386, -28.0004



94.4535, -29.4445, 31.2461



42.7689, 3.4975, -1.4997



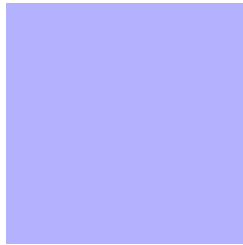
38.2962, 74.8718, -47.2558



11.9602, 23.3987, -14.8802

Previews

White Background



This preview shows how the HunterLab color 69.8313, 12.7421, -37.0736 looks on a white background.

Color Contrast Check

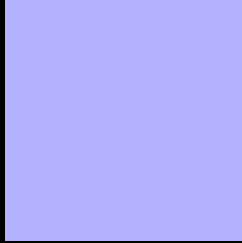
Large Text (above 18pt) WCAG AA × Fail

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 69.8313, 12.7421, -37.0736 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 69.8313, 12.7421, -37.0736 Background



This preview shows how black text looks on a background with the HunterLab color 69.8313, 12.7421, -37.0736.



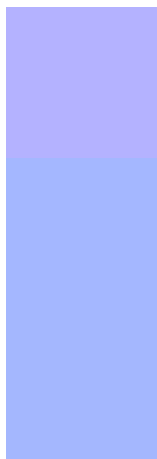
This preview shows how white text looks on a background with the HunterLab color 69.8313, 12.7421, -37.0736.

-37.0736.

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

69.8313, 12.7421, -37.0736

Protanopia

69.9853, 5.8005, -36.9233

Deuteranopia

69.9394, 5.5551, -36.2949



Tritanopia

69.7949, -6.7344, -5.1067

Trichromacy



Original Color

69.8313, 12.7421, -37.0736

Protanomaly

69.8669, 8.4177, -37.0864

Deuteranomaly

69.8209, 8.1737, -36.4571

Tritanomaly

69.5982, 0.1783, -15.9825

Monochromacy



Original Color

69.8313, 12.7421, -37.0736

Achromatopsia

70.4935, -3.7614, 3.8300

Achromatomaly

70.1604, 1.3528, -9.3806

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.8313, 12.7421, -37.0736 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(180, 178, 255)` looks like.

```
.text, #text, p{  
    color:rgb(180, 178, 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(180, 178, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 178, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 69.8313, 12.7421, -37.0736 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(180, 178, 255) }
```


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

```
.border{ border-color:rgb(180, 178, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 178, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 178, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 178, 255);  
box-shadow:4px 4px 4px 4px rgb(180, 178,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.8313, 12.7421, -37.0736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 178, 255) }
```

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

```
.background{ background-color: rgb(180,  
178, 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