

Converting Colors

HunterLab(67.7209, 37.9405,
-40.4360)

Have a look what the booklet for
HunterLab(67.7209, 37.9405,
-40.4360) contains.

HunterLab(67.7335, 37.7057, -40.4169)	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(67.7335, 37.7057,
-40.4169)**

Conversions

Conversions Part 1

Format	Color
Hex	DC9BFF
RGB	220, 155, 255
RGB Percent	86%, 61%, 100%
CMY	0.1372, 0.3921, 0.0000
CMYK	0.14, 0.39, 0.00, 0.00
HSL	279°, 100%, 80%
HSV	279°, 39%, 100%
XYZ	59.2865, 45.8783, 100.3383
YIQ	185.8350, 6.6400, 44.8800

Conversions

Conversions Part 2

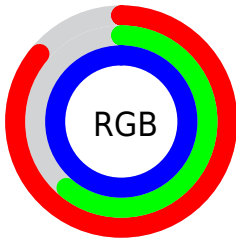
Format	Color
R _Y B	220, 155, 255
Decimal	14457855
CIE Lab	73.47, 41.58, -40.37
CIE LCh	73, 57.953, 315.844
Yxy	45.8801, 0.2885, 0.2233
Android (android.graphics.Color)	4292647935 (0xFFDC9BFF)
YUV	185.8350, 34.0983, 29.9627
Hunter-Lab	67.7335, 37.7057, -40.4169

Details

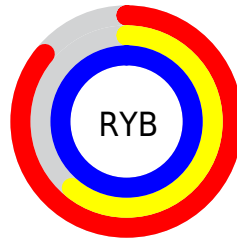
The HunterLab color $67.7335, 37.7057, -40.4169$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $92.1054, -39.2604, 36.1045$, and the grayscale version is $69.8641, -3.7278, 3.7958$.

A 20% lighter version of the original color is $86.3558, 19.0696, -11.4098$, and $46.2239, 35.1453, -39.4298$ is the 20% darker color. If you saturate the color by 10%, you get $60.7569, 48.9542, -54.0284$, and if you desaturate by 10%, it is $75.3077, 26.4583, -27.6175$.

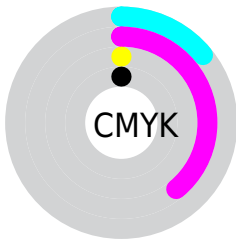
Distribution



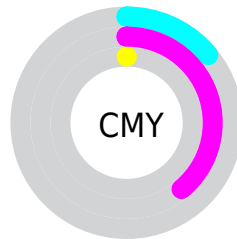
- Red (86%)
- Green (61%)
- Blue (100%)



- Red (86%)
- Yellow (61%)
- Blue (100%)



- Cyan (14%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.7335, 37.7057, -40.4169 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 67.7335, 37.7057, -40.4169 by changing the saturation by 10% instead.

67.7335, 37.7057,
-40.4169

67.7335, 37.7057,
-40.4169

192.4387, 45.2467,
-44.7705

56.7021, 36.4272,
-39.7406

91.6731, 39.9485,
-41.6886

46.3433, 35.0365,
-39.0726

104.5174, 40.9314,
-42.2676

36.7058, 33.5250,
-38.4601

117.9112, 41.8303,
-42.8015

27.8481, 31.8915,
-38.0034

131.8328, 42.6511,
-43.2888

19.8461, 30.1532,
-37.9263

146.2628, 43.3988,
-43.7288

12.8036, 28.3932,
-38.8098

161.1840, 44.0780,

6.1959, 32.4476,

-44.1219

-48.3019

176.5808, 44.6928,
-44.4688

0.0000, INF, -NF

0.0000, NaN, -NF

■ 67.7335, 37.7057,
-40.4169

■ 67.7335, 37.7057,
-40.4169

■ 60.7569, 48.9542,
-54.0284

■ 75.3077, 26.4583,
-27.6175

■ 54.4971, 59.8815,
-68.2990

■ 83.3764, 15.3703,
-15.6315

■ 49.1000, 69.8926,
-82.7633

■ 91.8630, 4.4942,
-4.3773

■ 44.7151, 78.0854,
-96.5249

100.0000, -5.3358,
5.4332

■ 41.4548, 83.4043,

-108.3068

■ 39.2678, 85.3485,
-117.1564

■ 39.1155, 85.4440,
-117.8048

Harmonies

Analogous

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



67.7349, 11.1154, -62.9254



67.7335, 37.7057, -40.4169



67.7349, 54.2937, -9.5076

Triad

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



67.7349, 37.7040, -40.4145



67.7349, 9.5242, 36.1803



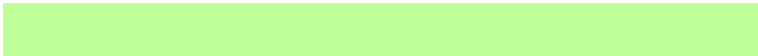
67.7349, -46.6004, -11.1960

Complementary

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



67.7335, 37.7057, -40.4169



92.1054, -39.2604, 36.1045

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.



67.7349, -46.8891, 14.6666



67.7335, 37.7057, -40.4169



67.7349, -17.1902, 36.0278

Square

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



67.7349, 37.7040, -40.4145



67.7349, 36.3832, 30.3716



67.7349, -36.9245, 29.8179



67.7349, -36.0624, -42.0590

Rectangle

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



67.7335, 37.7057, -40.4169



67.7349, 56.0111, 8.5156



67.7349, -36.9245, 29.8179



67.7349, -47.8365, -1.5256

Sweetspot

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



67.7349, 37.7040, -40.4145



89.4604, 7.5022, -7.4450



71.4263, -0.0858, -34.5216



40.8719, 4.1261, -4.1179

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.7349, 37.7040, -40.4145



62.2446, 46.4763, -50.9484



71.4111, 46.7298, -23.6245



42.3835, 2.2240, -2.1720



28.4273, 61.9533, -84.5029



9.2076, 19.7575, -24.9743

Inverse Universe

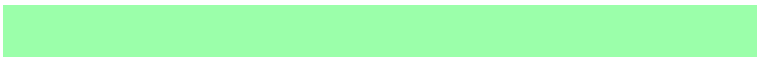
The Inverse Universe completely reimagines the original color for something new.



69.5859, 37.9238, 2.0341



64.6591, 46.6053, 2.4712



90.2172, -46.0234, 29.7913



42.5348, 2.2433, 1.8279



33.9312, 59.3003, 12.6852



10.6807, 18.8446, 2.6095

Previews

White Background



This preview shows how the HunterLab color 67.7335, 37.7057, -40.4169 looks on a white background.

Color Contrast Check

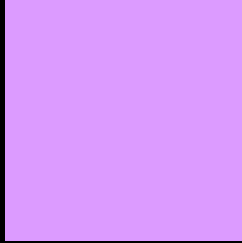
Large Text (above 18pt) WCAG AA × Fail

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 67.7335, 37.7057, -40.4169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

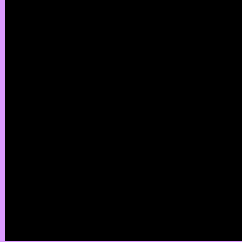
Any Text WCAG AA ✓ Pass

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 67.7335, 37.7057, -40.4169 Background



This preview shows how black text looks on a background with the HunterLab color 67.7335, 37.7057, -40.4169.



This preview shows how white text looks on a background with the HunterLab color 67.7335, 37.7057, -40.4169.

-40.4169.

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

67.7335, 37.7057, -40.4169

Protanopia

67.9181, 6.4560, -40.6252

Deuteranopia

68.1259, 5.1737, -36.6426



Tritanopia

67.6193, 11.5869, 2.5882

Trichromacy



Original Color

67.7335, 37.7057, -40.4169



Protanomaly

67.4931, 16.8076, -41.2260



Deuteranomaly

67.5289, 16.6374, -38.9571

Tritanomaly

67.5721, 20.1814, -10.9373

Monochromacy



Original Color

67.7335, 37.7057, -40.4169



Achromatopsia

70.0729, -3.7389, 3.8072



Achromatomaly

68.8250, 10.2094, -10.5017

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.7335, 37.7057, -40.4169 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(220, 155, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 155, 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(220, 155, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 155, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 67.7335, 37.7057, -40.4169 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(220, 155, 255) }
```


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

```
.border{ border-color:rgb(220, 155, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 155, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 155, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 155, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 155,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.7335, 37.7057, -40.4169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 155, 255) }
```

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

```
.background{ background-color: rgb(220,  
155, 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