

Converting Colors

HunterLab(70.7371, 37.5675,
-35.0522)

Have a look what the booklet for
HunterLab(70.7371, 37.5675,
-35.0522) contains.

HunterLab(70.7457, 37.4863, -35.0386)	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(70.7457, 37.4863,
-35.0386)**

Conversions

Conversions Part 1

Format	Color
Hex	E7A2FF
RGB	231, 162, 255
RGB Percent	91%, 64%, 100%
CMY	0.0941, 0.3647, 0.0000
CMYK	0.09, 0.36, 0.00, 0.00
HSL	285°, 100%, 82%
HSV	285°, 36%, 100%
XYZ	63.9253, 50.0495, 100.8989
YIQ	193.2330, 11.2710, 43.5510

Conversions

Conversions Part 2

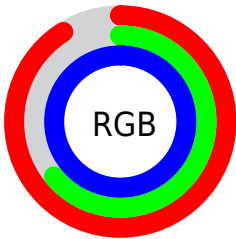
Format	Color
RYB	231, 162, 255
Decimal	15180543
CIELab	76.10, 41.09, -36.19
CIElCh	76, 54.758, 318.627
Yxy	50.0516, 0.2975, 0.2329
Android (android.graphics.Color)	4293370623 (0xFFE7A2FF)
YUV	193.2330, 30.4511, 33.1217
Hunter-Lab	70.7457, 37.4863, -35.0386

Details

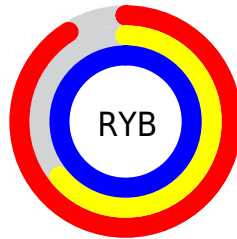
The HunterLab color $70.7457, 37.4863, -35.0386$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $91.9610, -39.5539, 33.9336$, and the grayscale version is $72.9976, -3.8950, 3.9661$.

A 20% lighter version of the original color is $88.6695, 14.6558, -8.3664$, and $49.0032, 34.8778, -33.8351$ is the 20% darker color. If you saturate the color by 10%, you get $63.9418, 49.4472, -47.4586$, and if you desaturate by 10%, it is $78.1538, 25.5003, -23.1681$.

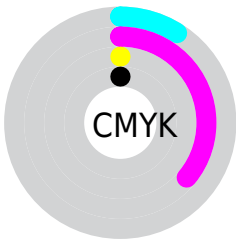
Distribution



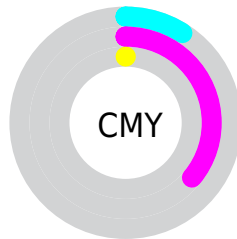
- Red (91%)
- Green (64%)
- Blue (100%)



- Red (91%)
- Yellow (64%)
- Blue (100%)



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





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

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.7457, 37.4863, -35.0386 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 70.7457, 37.4863, -35.0386 by changing the saturation by 10% instead.


 70.7457, 37.4863,
-35.0386

 70.7457, 37.4863,
-35.0386


196.6895, 44.6952,
-38.4616

 59.5436, 36.2544,
-34.4247


 95.0007, 39.6421,
-36.1361

 49.0032, 34.9129,
-33.7886


 107.9920, 40.5849,
-36.6145

 39.1706, 33.4520,
-33.1557


121.5267, 41.4458,
-37.0432

 30.1010, 31.8677,
-32.5838

135.5840, 42.2302,
-37.4223

 21.8651, 30.1687,
-32.2008

150.1450, 42.9433,
-37.7524

 14.5576, 28.4085,
-32.3283

165.1929, 43.5892,

 8.2183, 27.4864,

-38.0348

-34.5180

180.7124, 44.1720,
-38.2707

0.0000, INF, -NF

0.0000, NaN, -NF

■ 70.7457, 37.4863,
-35.0386

■ 70.7457, 37.4863,
-35.0386

■ 63.9418, 49.4472,
-47.4586

■ 78.1538, 25.5003,
-23.1681

■ 57.8540, 61.0479,
-60.2378

■ 86.0658, 13.6666,
-11.9019

■ 52.6158, 71.7035,
-72.9316

■ 94.4060, 2.0524,
-1.2082

■ 48.3590, 80.5683,
-84.7836

100.0000, -5.3358,
5.4332

■ 45.1802, 86.6792,

-94.7965

■ 43.0806, 89.3694,
-102.0941

■ 42.5016, 89.7724,
-104.2173

Harmonies

Analogous

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



70.7472, 12.7948, -57.1458



70.7457, 37.4863, -35.0386



70.7472, 51.7952, -6.1139

Triad

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



70.7472, 37.4843, -35.0362



70.7472, 6.2844, 36.2765



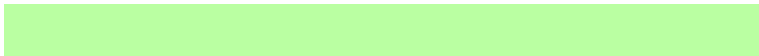
70.7472, -44.9610, -12.9635

Complementary

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



70.7457, 37.4863, -35.0386



91.9610, -39.5539, 33.9336

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.



70.7472, -46.1837, 12.5488



70.7457, 37.4863, -35.0386



70.7472, -18.9543, 35.5869

Square

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



70.7472, 37.4843, -35.0362



70.7472, 32.1335, 30.9232



70.7472, -37.3258, 28.5028



70.7472, -33.7051, -41.5711

Rectangle

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



70.7457, 37.4863, -35.0386



70.7472, 52.3284, 10.5779



70.7472, -37.3258, 28.5028



70.7472, -46.4923, -3.6092

Sweetspot

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



70.7472, 37.4843, -35.0362



90.5780, 7.2862, -5.9865



70.9642, 3.2905, -35.2585



41.3827, 4.0998, -3.4410

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.7472, 37.4843, -35.0362



65.5600, 46.5108, -44.3477



72.8030, 41.5553, -17.3774



42.4860, 2.5693, -2.0345



30.8452, 65.0538, -74.8765



9.8934, 20.6555, -22.3875

Inverse Universe

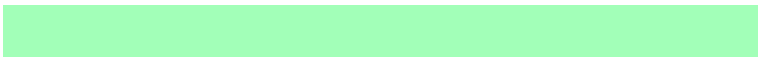
The Inverse Universe completely reimagines the original color for something new.



71.1671, 33.5340, 5.7371



66.1922, 41.7995, 6.6701



90.9121, -42.7000, 25.8041



42.5018, 2.0660, 2.2984



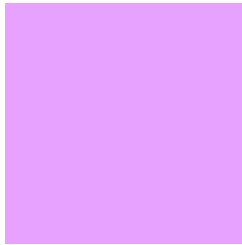
33.6653, 58.3205, 16.5789



10.5849, 18.4932, 4.0002

Previews

White Background



This preview shows how the HunterLab color 70.7457, 37.4863, -35.0386 looks on a white background.

Color Contrast Check

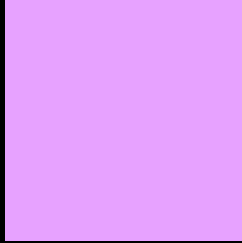
Large Text (above 18pt) WCAG AA × Fail

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 70.7457, 37.4863, -35.0386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

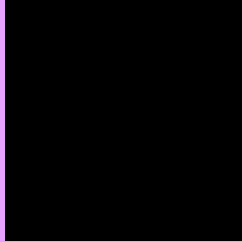
Any Text WCAG AA ✓ Pass

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 70.7457, 37.4863, -35.0386 Background



This preview shows how black text looks on a background with the HunterLab color 70.7457, 37.4863, -35.0386.



This preview shows how white text looks on a background with the HunterLab color 70.7457, 37.4863, -35.0386.

-35.0386.

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

70.7457, 37.4863, -35.0386

Protanopia

71.1008, 4.9788, -34.9929

Deuteranopia

71.0166, 5.8567, -32.3337



Tritanopia

70.7792, 13.6557, 3.5237

Trichromacy



Original Color

70.7457, 37.4863, -35.0386



Protanomaly

70.4354, 16.1398, -35.9529



Deuteranomaly

70.5762, 16.3178, -33.5936

Tritanomaly

70.6664, 21.8904, -8.8889

Monochromacy



Original Color

70.7457, 37.4863, -35.0386



Achromatopsia

73.0258, -3.8965, 3.9676



Achromatomaly

71.8882, 10.4011, -9.1014

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.7457, 37.4863, -35.0386 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(231, 162, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 162, 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(231, 162, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 162, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 70.7457, 37.4863, -35.0386 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(231, 162, 255) }
```


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

```
.border{ border-color:rgb(231, 162, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 162, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 162, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 162, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 162,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.7457, 37.4863, -35.0386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 162, 255) }
```

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

```
.background{ background-color: rgb(231,  
162, 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