

Converting Colors

HunterLab(72.6933, 38.0012,
-31.7053)

Have a look what the booklet for
HunterLab(72.6933, 38.0012,
-31.7053) contains.

HunterLab(72.6933, 38.0012, -31.7053)	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(72.6933, 38.0012,
-31.7053)**

Conversions

Conversions Part 1

Format	Color
Hex	EFA6FF
RGB	239, 166, 255
RGB Percent	94%, 65%, 100%
CMY	0.0627, 0.3490, 0.0000
CMYK	0.06, 0.35, 0.00, 0.00
HSL	289°, 100%, 83%
HSV	289°, 35%, 100%
XYZ	67.2828, 52.8432, 101.2613
YIQ	197.9730, 14.9390, 43.1550

Conversions

Conversions Part 2

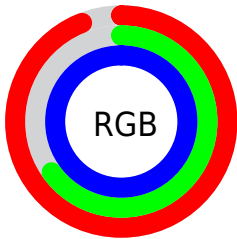
Format	Color
R _Y B	239, 166, 255
Decimal	15705855
CIE _{Lab}	77.78, 41.38, -33.52
CIE _{LCh}	78, 53.254, 320.985
Yxy	52.8454, 0.3039, 0.2387
Android (android.graphics.Color)	4293895935 (0xFFEFA6FF)
YUV	197.9730, 28.1143, 35.9807
Hunter-Lab	72.6933, 38.0012, -31.7053

Details

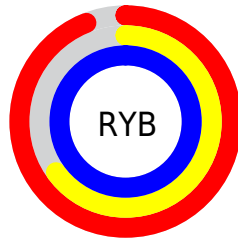
The HunterLab color $72.6933, 38.0012, -31.7053$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $91.7708, -40.1304, 32.5369$, and the grayscale version is $75.0170, -4.0027, 4.0758$.

A 20% lighter version of the original color is $89.8457, 12.4599, -6.8518$, and $50.8257, 35.3432, -30.3861$ is the 20% darker color. If you saturate the color by 10%, you get $66.0964, 50.6103, -43.2509$, and if you desaturate by 10%, it is $79.9133, 25.3446, -20.5063$.

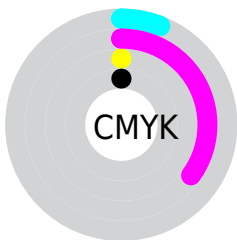
Distribution



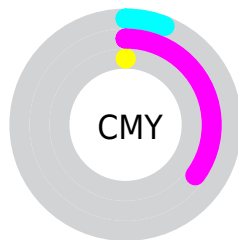
- Red (94%)
- Green (65%)
- Blue (100%)



- Red (94%)
- Yellow (65%)
- Blue (100%)



- Cyan (6%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 72.6933, 38.0012, -31.7053 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 72.6933, 38.0012, -31.7053 by changing the saturation by 10% instead.


 72.6933, 38.0012,
-31.7053


 72.6933, 38.0012,
-31.7053


199.4221, 45.1834,
-34.4824

 61.3835, 36.7763,
-31.1465


 97.1477, 40.1458,
-32.6710

 50.7286, 35.4433,
-30.5518


 110.2320, 41.0846,
-33.0782

 40.7734, 33.9921,
-29.9371


123.8561, 41.9422,
-33.4338

 31.5710, 32.4181,
-29.3410

137.9994, 42.7240,
-33.7389

 23.1889, 30.7271,
-28.8505

152.6434, 43.4350,
-33.9948

 15.7171, 28.9622,
-28.6816

167.7717, 44.0794,

 9.2827, 27.3175,

-34.2029

-29.4919

183.3691, 44.6610,
-34.3650

0.0000, INF, -NF

0.0000, NaN, -NF

■ 72.6933, 38.0012,
-31.7053

■ 72.6933, 38.0012,
-31.7053

■ 66.0964, 50.6103,
-43.2509

■ 79.9133, 25.3446,
-20.5063

■ 60.2314, 62.8110,
-54.9152

■ 87.6561, 12.8425,
-9.7540

■ 55.2240, 74.0033,
-66.2492

■ 95.8446, 0.5783,
0.5442

■ 51.1929, 83.3613,
-76.5674

100.0000, -5.3358,
5.4332

■ 48.2185, 89.9868,

-85.0435

■ 46.2932, 93.2755,
-91.0104

■ 45.6056, 93.9319,
-93.2493

Harmonies

Analogous

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



72.6948, 14.4102, -54.0128



72.6933, 38.0012, -31.7053



72.6948, 50.7939, -3.6897

Triad

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



72.6948, 37.9990, -31.7028



72.6948, 3.9134, 36.4713



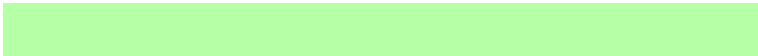
72.6948, -44.0247, -14.6845

Complementary

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



72.6933, 38.0012, -31.7053



91.7708, -40.1304, 32.5369

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.



72.6948, -46.0319, 10.8538



72.6933, 38.0012, -31.7053



72.6948, -20.5285, 35.3016

Square

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



72.6948, 37.9990, -31.7028



72.6948, 29.4172, 31.5514



72.6948, -38.0112, 27.5130



72.6948, -32.0931, -42.0761

Rectangle

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



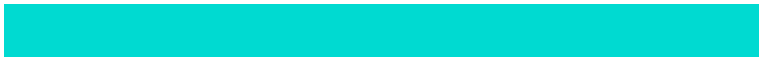
72.6933, 38.0012, -31.7053



72.6948, 50.4224, 12.2499



72.6948, -38.0112, 27.5130



72.6948, -45.8114, -5.4450

Sweetspot

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



72.6948, 37.9990, -31.7028



91.6170, 6.8009, -4.6525



69.9393, 6.6735, -36.9893



41.8558, 3.9452, -2.8243

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.6948, 37.9990, -31.7028



67.9398, 46.9751, -39.8762



73.5325, 38.1289, -12.5131



42.5741, 2.8653, -1.9166



33.0570, 68.0232, -67.1039



10.5124, 21.4969, -20.2928

Inverse Universe

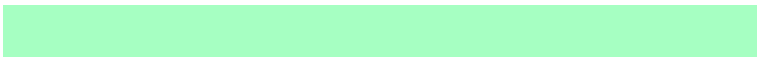
The Inverse Universe completely reimagines the original color for something new.



72.0499, 30.7873, 8.5160



67.2340, 38.4580, 9.7977



91.3953, -40.3258, 22.4300



42.4740, 1.9165, 2.6950



33.5060, 57.7313, 18.9278



10.5208, 18.2571, 4.9385

Previews

White Background



This preview shows how the HunterLab color 72.6933, 38.0012, -31.7053 looks on a white background.

Color Contrast Check

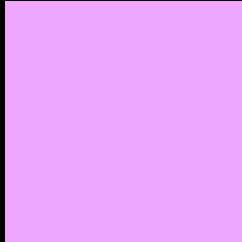
Large Text (above 18pt) WCAG AA × Fail

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 72.6933, 38.0012, -31.7053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

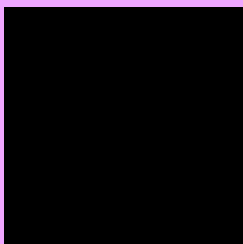
Any Text WCAG AA ✓ Pass

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 72.6933, 38.0012, -31.7053 Background



This preview shows how black text looks on a background with the HunterLab color 72.6933, 38.0012, -31.7053.



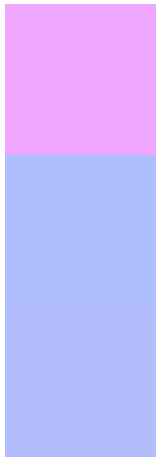
This preview shows how white text looks on a background with the HunterLab color 72.6933, 38.0012, -31.7053.

-31.7053.

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

72.6933, 38.0012, -31.7053

Protanopia

72.8324, 4.6898, -32.0554

Deuteranopia

72.8447, 5.9043, -29.2942



Tritanopia

72.7416, 15.9575, 3.9801

Trichromacy



Original Color

72.6933, 38.0012, -31.7053



Protanomaly

72.3004, 16.3292, -32.7461



Deuteranomaly

72.4524, 16.5503, -30.4299

Tritanomaly

72.4939, 23.6670, -8.0483

Monochromacy



Original Color

72.6933, 38.0012, -31.7053



Achromatopsia

75.1473, -4.0097, 4.0829



Achromatomaly

73.7417, 10.8286, -8.2550

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.6933, 38.0012, -31.7053 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(239, 166, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 166, 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(239, 166, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 166, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 72.6933, 38.0012, -31.7053 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(239, 166, 255) }
```


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

```
.border{ border-color:rgb(239, 166, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 166, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 166, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 166, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 166,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.6933, 38.0012, -31.7053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 166, 255) }
```

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

```
.background{ background-color: rgb(239,  
166, 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