

Converting Colors

HunterLab(73.7652, 53.0985,
-34.0342)

Have a look what the booklet for
HunterLab(73.7652, 53.0985,
-34.0342) contains.

HunterLab(72.5217, 48.6957, -31.8064)	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(72.5217, 48.6957,
-31.8064)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9DFF
RGB	255, 157, 255
RGB Percent	100%, 62%, 100%
CMY	0.0000, 0.3843, 0.0000
CMYK	0.00, 0.38, 0.00, 0.00
HSL	300°, 100%, 81%
HSV	300°, 38%, 100%
XYZ	71.3470, 52.5940, 100.9990
YIQ	197.4740, 26.9500, 51.2540

Conversions

Conversions Part 2

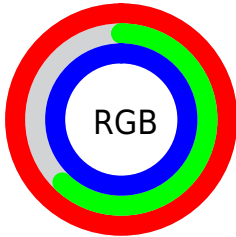
Format	Color
R_{YB}	255, 157, 255
Decimal	16752127
CIE _{Lab}	77.64, 50.81, -33.61
CIE _{LCh}	78, 60.921, 326.516
Yxy	52.5959, 0.3172, 0.2338
Android (android.graphics.Color)	4294942207 (0xFFFF9DFF)
YUV	197.4740, 28.3603, 50.4503
Hunter-Lab	72.5217, 48.6957, -31.8064

Details

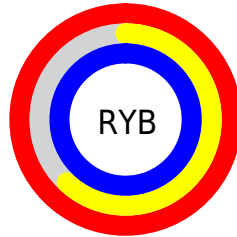
The HunterLab color $72.5217, 48.6957, -31.8064$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $90.0684, -47.1288, 33.6750$, and the grayscale version is $74.8001, -3.9911, 4.0640$.

A 20% lighter version of the original color is $87.2173, 17.4111, -10.2664$, and $50.6439, 45.5525, -30.5432$ is the 20% darker color. If you saturate the color by 10%, you get $66.9693, 62.6502, -41.3963$, and if you desaturate by 10%, it is $78.8311, 34.4106, -21.9780$.

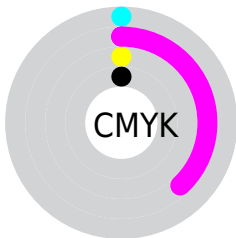
Distribution



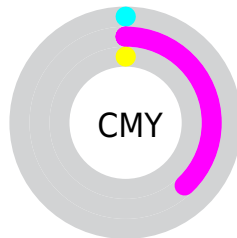
- Red (100%)
- Green (62%)
- Blue (100%)



- Red (100%)
- Yellow (62%)
- Blue (100%)



- Cyan (0%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 72.5217, 48.6957, -31.8064 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 72.5217, 48.6957, -31.8064 by changing the saturation by 10% instead.


 72.5217, 48.6957,
-31.8064


 72.5217, 48.6957,
-31.8064


199.1815, 58.7061,
-34.6093

 61.2211, 47.1298,
-31.2455


 96.9585, 51.5086,
-32.7779

 50.5763, 45.4574,
-30.6490


 110.0346, 52.7741,
-33.1879

 40.6317, 43.6739,
-30.0333


123.6509, 53.9523,
-33.5464

 31.4409, 41.7875,
-29.4380

137.7866, 55.0487,
-33.8544

 23.0716, 39.8324,
-28.9518

152.4234, 56.0680,
-34.1132

 15.6141, 37.9193,
-28.7956

167.5446, 57.0147,

 9.1942, 36.4608,

-34.3242

-29.6543

183.1353, 57.8929,
-34.4891

0.0000, INF, -NF

0.0000, NaN, -NF

■ 72.5217, 48.6957,
-31.8064

■ 72.5217, 48.6957,
-31.8064

■ 66.9693, 62.6502,
-41.3963

■ 78.8311, 34.4106,
-21.9780

■ 62.2810, 75.7092,
-50.3615

■ 85.7873, 20.1742,
-12.1712

■ 58.5591, 87.1071,
-58.1798

■ 93.2977, 6.1882,
-2.5246

■ 55.8685, 96.0275,
-64.2946

100.0000, -5.3358,
5.4332

■ 54.2068, 101.8650,

-68.2943

■ 53.4481, 104.6213,
-70.1824

■ 53.3667, 104.9207,
-70.3875

Harmonies

Analogous

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



72.5230, 22.7151, -61.2960



72.5217, 48.6957, -31.8064



72.5230, 60.5404, 0.6522

Triad

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



72.5230, 48.6925, -31.8042



72.5230, -0.4564, 39.4267



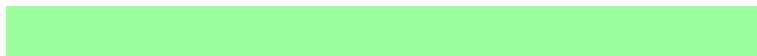
72.5230, -47.2990, -23.9253

Complementary

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



72.5217, 48.6957, -31.8064



90.0684, -47.1288, 33.6750

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.



72.5230, -51.5294, 7.0953



72.5217, 48.6957, -31.8064



72.5230, -27.1096, 37.1626

Square

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



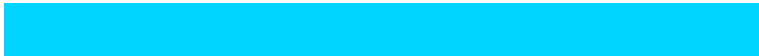
72.5230, 48.6925, -31.8042



72.5230, 29.4968, 35.7001



72.5230, -44.7390, 27.5238



72.5230, -32.1241, -55.6308

Rectangle

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



72.5217, 48.6957, -31.8064



72.5230, 57.6480, 17.4566



72.5230, -44.7390, 27.5238



72.5230, -49.9342, -12.7941

Sweetspot

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



72.5230, 48.6925, -31.8042



90.5575, 11.1461, -5.9456



62.0521, 18.0195, -51.8449



41.4396, 6.0007, -3.3329

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.5230, 48.6925, -31.8042



68.2429, 59.3169, -39.1065



70.5920, 39.4052, -4.8570



42.7790, 3.5516, -1.6432



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764

Inverse Universe

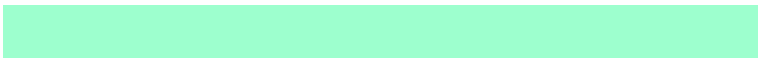
The Inverse Universe completely reimagines the original color for something new.



72.5230, 48.6925, -31.8042



68.2429, 59.3169, -39.1065



91.1839, -40.5377, 17.5080



42.7790, 3.5516, -1.6432



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764

Previews

White Background



This preview shows how the HunterLab color 72.5217, 48.6957, -31.8064 looks on a white background.

Color Contrast Check

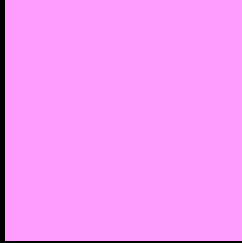
Large Text (above 18pt) WCAG AA × Fail

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 72.5217, 48.6957, -31.8064 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 72.5217, 48.6957, -31.8064 Background



This preview shows how black text looks on a background with the HunterLab color 72.5217, 48.6957, -31.8064.



This preview shows how white text looks on a background with the HunterLab color 72.5217, 48.6957, -31.8064.

-31.8064.

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

72.5217, 48.6957, -31.8064

Protanopia

72.7538, 4.4255, -32.1916

Deuteranopia

72.7585, 5.4435, -28.1035



Tritanopia

72.5263, 24.4794, 7.5967

Trichromacy



Original Color

72.5217, 48.6957, -31.8064



Protanomaly

71.9425, 19.4932, -33.2971



Deuteranomaly

71.8851, 20.3750, -30.6238

Tritanomaly

72.4088, 32.3337, -4.7419

Monochromacy



Original Color

72.5217, 48.6957, -31.8064



Achromatopsia

74.7222, -3.9870, 4.0598



Achromatomaly

73.0912, 14.4588, -8.5136

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.5217, 48.6957, -31.8064 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(255, 157, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 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(255, 157, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 72.5217, 48.6957, -31.8064 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(255, 157, 255) }
```


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

```
.border{ border-color:rgb(255, 157, 255) }
```

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

Here you see how a box with a 4 pixel rgb(255, 157, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 157, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 157, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 157,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.5217, 48.6957, -31.8064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 255) }
```

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

```
.background{ background-color: rgb(255,  
157, 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