

# Converting Colors

HunterLab(66.0158, 42.1966,  
-73.6571)

Have a look what the booklet for  
HunterLab(66.0158, 42.1966,  
-73.6571) contains.

<b>HunterLab(64.1007, 32.2974, -47.4436)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(64.1007, 32.2974,  
-47.4436)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C497FF
RGB	196, 151, 255
RGB Percent	77%, 59%, 100%
CMY	0.2314, 0.4078, 0.0000
CMYK	0.23, 0.41, 0.00, 0.00
HSL	266°, 100%, 80%
HSV	266°, 41%, 100%
XYZ	51.8816, 41.0890, 99.8043
YIQ	176.3110, -6.5640, 41.8840

# Conversions

## Conversions Part 2

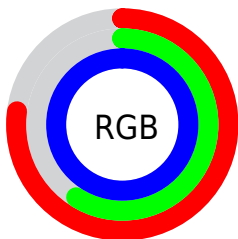
Format	Color
R <sub>Y</sub> B	196, 151, 255
Decimal	12883967
CIE Lab	70.24, 36.91, -45.59
CIE LCh	70, 58.659, 308.994
Yxy	41.0906, 0.2691, 0.2131
Android (android.graphics.Color)	4291074047 (0xFFC497FF)
YUV	176.3110, 38.7937, 17.2673
Hunter-Lab	64.1007, 32.2974, -47.4436

# Details

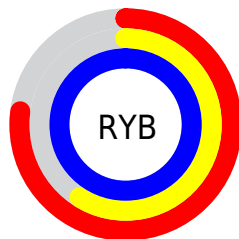
The HunterLab color  $64.1007, 32.2974, -47.4436$  is a light color, and the websafe version is hex  $CC99FF$ . A complement of this color would be  $93.5180, -34.0070, 38.4668$ , and the grayscale version is  $65.8666, -3.5145, 3.5787$ .

A 20% lighter version of the original color is  $85.1078, 20.9339, -13.0985$ , and  $43.1003, 30.0590, -46.4100$  is the 20% darker color. If you saturate the color by 10%, you get  $56.4835, 42.1933, -63.7650$ , and if you desaturate by 10%, it is  $72.2767, 22.6507, -32.6755$ .

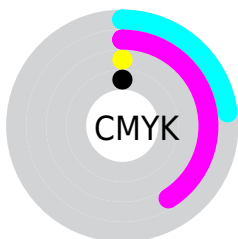
# Distribution



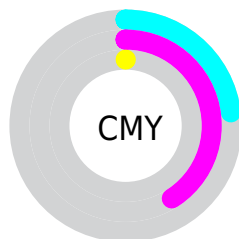
- Red (77%)
- Green (59%)
- Blue (100%)



- Red (77%)
- Yellow (59%)
- Blue (100%)



- Cyan (23%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (41%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.1007, 32.2974, -47.4436 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 64.1007, 32.2974, -47.4436 by changing the saturation by 10% instead.



64.1007, 32.2974,  
-47.4436

64.1007, 32.2974,  
-47.4436

187.2696, 38.5970,  
-52.7962

53.2821, 31.1641,  
-46.7393

87.6478, 34.2524,  
-48.8672

43.1506, 29.9166,  
-46.1021

100.3096, 35.0930,  
-49.5490

33.7577, 28.5444,  
-45.6209

113.5285, 35.8515,  
-50.1961

25.1669, 27.0423,  
-45.4815

127.2819, 36.5339,  
-50.8032

17.4616, 25.4215,  
-46.1098

141.5498, 37.1453,  
-51.3677

10.7583, 23.7616,  
-48.6791

156.3142, 37.6904,

1.6277, 99.0357,

-51.8882

-196.4295

171.5591, 38.1731,  
-52.3643

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.1007, 32.2974,  
-47.4436

■ 64.1007, 32.2974,  
-47.4436

■ 56.4835, 42.1933,  
-63.7650

■ 72.2767, 22.6507,  
-32.6755

■ 49.5563, 52.1640,  
-81.7408

■ 80.9073, 13.2950,  
-19.2424

■ 43.4959, 61.7498,  
-101.0783

■ 89.9193, 4.2083,  
-6.8999

■ 38.5124, 70.0395,  
-120.6919

99.2566, -4.6505,  
4.5670

■ 34.8047, 75.6737,

100.0000, -5.3358,

-138.3934

5.4332

■ 32.4912, 77.8629,  
-151.2566

# Harmonies

## Analogous

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



64.1019, 4.8250, -66.1838



64.1007, 32.2974, -47.4436



64.1019, 52.0687, -16.6676

# Triad

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



64.1019, 32.2962, -47.4411



64.1019, 16.0962, 34.4395



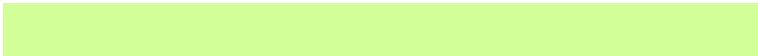
64.1019, -46.7623, -4.6490

# Complementary

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



64.1007, 32.2974, -47.4436



93.5180, -34.0070, 38.4668

# 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.



64.1019, -44.7549, 18.6802



64.1007, 32.2974, -47.4436



64.1019, -11.2754, 35.4627

# Square

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



64.1019, 32.2962, -47.4411



64.1019, 41.7003, 27.2901



64.1019, -32.7100, 31.0762



64.1019, -38.7322, -35.6121



# Rectangle

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



64.1007, 32.2974, -47.4436



64.1019, 56.6035, 2.6231



64.1019, -32.7100, 31.0762



64.1019, -47.2066, 4.3435

# Sweetspot

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



64.1019, 32.2962, -47.4411



88.8040, 5.3012, -8.3514



77.9236, -12.0411, -24.1791



40.5336, 2.9970, -4.5913

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



64.1019, 32.2962, -47.4411



57.7955, 40.4156, -60.7332



70.0055, 48.9401, -36.1327



42.1451, 1.4176, -2.4933



23.6652, 56.4685, -108.2806



7.7999, 18.0668, -31.4649



# Inverse Universe

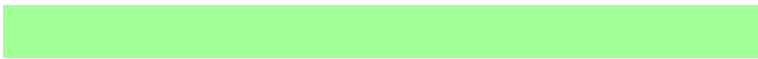
The Inverse Universe completely reimagines the original color for something new.



69.3164, 43.3518, -8.6823



64.3836, 53.0214, -10.2481



90.1078, -47.1955, 35.4320



42.6143, 2.6700, 0.6957



34.9315, 62.9511, -1.6894

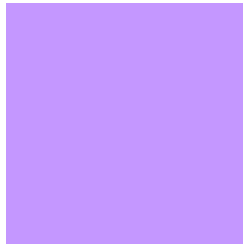


11.0001, 20.0051, -1.9393



# Previews

## White Background



This preview shows how the HunterLab color 64.1007, 32.2974, -47.4436 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

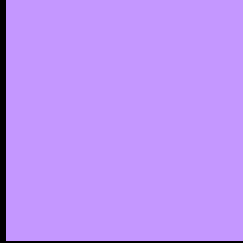
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 64.1007, 32.2974, -47.4436 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

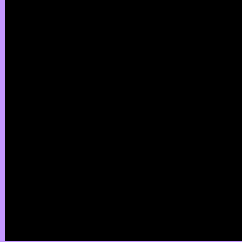
Any Text WCAG AA ✓ Pass

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 64.1007, 32.2974, -47.4436 Background



This preview shows how black text looks on a background with the HunterLab color 64.1007, 32.2974, -47.4436.



This preview shows how white text looks on a background with the HunterLab color 64.1007, 32.2974, -47.4436.

-47.4436.

# 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

64.1007, 32.2974, -47.4436

### Protanopia

64.3014, 7.9318, -47.4733

### Deuteranopia

64.4824, 5.1445, -44.0937



## Tritanopia

64.0312, 3.8729, -0.4592

# Trichromacy



## Original Color

64.1007, 32.2974, -47.4436



## Protanomaly

63.8295, 16.5762, -48.2577



## Deuteranomaly

64.0724, 14.1957, -45.4917



## Tritanomaly

63.7857, 13.5950, -15.3285

# Monochromacy



## Original Color

64.1007, 32.2974, -47.4436



## Achromatopsia

65.8903, -3.5157, 3.5799



## Achromatomaly

64.8941, 8.4715, -12.6340

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 64.1007, 32.2974, -47.4436 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(196, 151, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 151, 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(196, 151, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 151, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 64.1007, 32.2974, -47.4436 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".

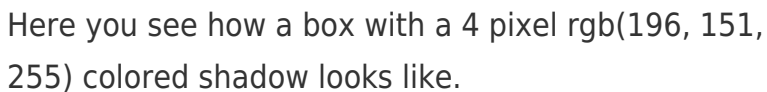
```
.border, #border, table{ border:4px solid rgb(196, 151, 255) }
```



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

```
.border{ border-color:rgb(196, 151, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 151, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 151, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 151, 255);  
box-shadow:4px 4px 4px 4px rgb(196, 151,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 64.1007, 32.2974, -47.4436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 151, 255) }
```

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

```
.background{ background-color: rgb(196,  
151, 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](#).

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