

# Converting Colors

HunterLab(72.9487, 10.9496,  
-30.3581)

Have a look what the booklet for  
HunterLab(72.9487, 10.9496,  
-30.3581) contains.

<b>HunterLab(72.9973, 11.0850, -30.3039)</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(72.9973, 11.0850,  
-30.3039)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFBAFD
RGB	191, 186, 253
RGB Percent	75%, 73%, 99%
CMY	0.2510, 0.2706, 0.0078
CMYK	0.25, 0.26, 0.00, 0.01
HSL	244°, 94%, 86%
HSV	244°, 26%, 99%
XYZ	56.7744, 53.2861, 100.2214
YIQ	195.1330, -18.5270, 21.8970

# Conversions

## Conversions Part 2

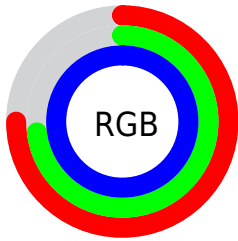
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">191, 186, 253</a>
Decimal	<a href="#">12565245</a>
CIELab	<a href="#">78.04, 15.73, -32.40</a>
CIELCh	<a href="#">78, 36.020, 295.891</a>
Yxy	<a href="#">53.2882, 0.2700, 0.2534</a>
Android (android.graphics.Color)	<a href="#">4290755325 (0xFFBFBAFD)</a>
YUV	<a href="#">195.1330, 28.5284, -3.6246</a>
Hunter-Lab	<a href="#">72.9973, 11.0850, -30.3039</a>

# Details

The HunterLab color  $72.9973, 11.0850, -30.3039$  is a light color, and the websafe version is hex  $CCCCFF$ . A complement of this color would be  $96.8263, -16.9861, 30.9196$ , and the grayscale version is  $73.8195, -3.9388, 4.0108$ .

A 20% lighter version of the original color is  $95.2264, -0.7294, -0.2395$ , and  $50.9851, 10.5715, -29.1295$  is the 20% darker color. If you saturate the color by 10%, you get  $63.8422, 18.2446, -46.6445$ , and if you desaturate by 10%, it is  $82.5775, 4.5378, -15.7593$ .

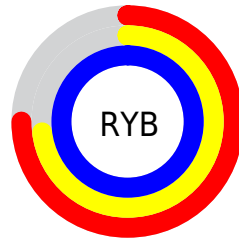
# Distribution



Red (75%)

Green (73%)

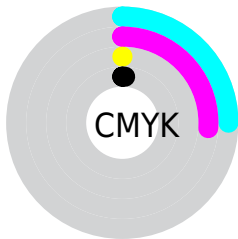
Blue (99%)



Red (75%)

Yellow (73%)

Blue (99%)

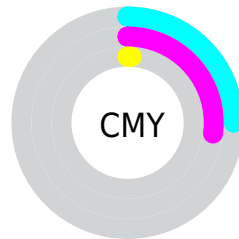


Cyan (25%)

Magenta (26%)

Yellow (0%)

Black (1%)



Cyan (25%)

Magenta (27%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.9973, 11.0850, -30.3039 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 72.9973, 11.0850, -30.3039 by changing the saturation by 10% instead.



■ 72.9973, 11.0850,  
-30.3039

■ 72.9973, 11.0850,  
-30.3039

199.8474, 9.8958,  
-32.8196

■ 61.6708, 10.9347,  
-29.7701

■ 97.4825, 11.1822,  
-31.2157

■ 50.9982, 10.7088,  
-29.1955

110.5811, 11.1424,  
-31.5937

■ 41.0241, 10.3963,  
-28.5938

124.2190, 11.0494,  
-31.9197

■ 31.8013, 9.9846,  
-27.9986

138.3756, 10.9067,  
-32.1950

■ 23.3968, 9.4562,  
-27.4858

153.0325, 10.7175,  
-32.4210

■ 15.8997, 8.7876,  
-27.2449

168.1732, 10.4844,

■ 9.4373, 7.9477,

-32.5993

-27.8483

183.7827, 10.2099,  
-32.7317

0.0000, INF, -NF

0.0000, NaN, -NF

■ 72.9973, 11.0850,  
-30.3039

■ 72.9973, 11.0850,  
-30.3039

■ 63.8422, 18.2446,  
-46.6445

■ 82.5775, 4.5378,  
-15.7593

■ 55.2070, 26.1977,  
-65.3253

■ 92.5087, -1.5419,  
-2.5831

■ 47.2380, 35.1145,  
-86.9164

99.9359, -5.6868,  
6.3473

■ 40.1484, 45.0273,  
-111.7081

■ 34.2424, 55.4847,

-138.8342

■ 29.8986, 64.9872,  
-164.7211

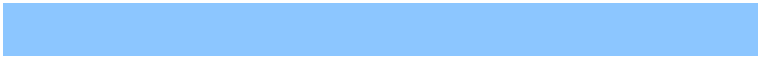
■ 27.4223, 71.0112,  
-182.7831

■ 26.8871, 72.4208,  
-187.0877

# Harmonies

## Analogous

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



72.9988, -6.2493, -34.8049



72.9973, 11.0850, -30.3039



72.9988, 25.4967, -15.9226

# Triad

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



72.9988, 11.0840, -30.3022



72.9988, 15.5522, 25.4872



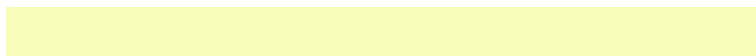
72.9988, -33.9963, 6.1880

# Complementary

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



72.9973, 11.0850, -30.3039



96.8263, -16.9861, 30.9196

# 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.



72.9988, -29.2724, 19.4820



72.9973, 11.0850, -30.3039



72.9988, -1.5185, 28.8705

# Square

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



72.9988, 11.0840, -30.3022



72.9988, 28.2391, 16.4001



72.9988, -17.7631, 26.9567



72.9988, -31.2886, -11.1136



# Rectangle

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



72.9973, 11.0850, -30.3039



72.9988, 30.9582, -4.1040



72.9988, -17.7631, 26.9567



72.9988, -33.2376, 11.2219

# Sweetspot

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



72.9988, 11.0840, -30.3022



91.7941, -0.6473, -4.5555



92.1930, -22.4913, -3.3484



41.7642, 0.1199, -3.0106

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



72.9988, 11.0840, -30.3022



68.4856, 15.0931, -39.4399



76.1930, 21.3305, -24.9903



41.7642, 0.1199, -3.0106



19.6676, 52.8626, -135.9811



6.3089, 16.6263, -41.0558



# Inverse Universe

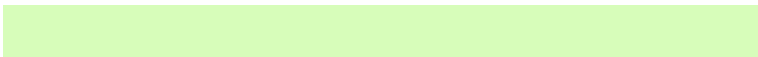
The Inverse Universe completely reimagines the original color for something new.



79.2337, 30.3297, -17.1004



76.2462, 38.2782, -21.9825



93.9410, -27.5421, 28.0832



42.7500, 3.3966, -1.2319



37.7919, 73.1169, -40.6722

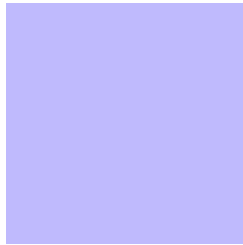


11.8208, 22.9141, -13.0636



# Previews

## White Background



This preview shows how the HunterLab color 72.9973, 11.0850, -30.3039 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

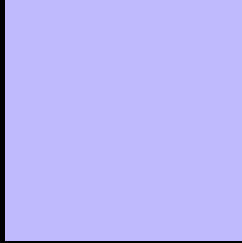
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 72.9973, 11.0850, -30.3039 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 72.9973, 11.0850, -30.3039 Background



This preview shows how black text looks on a background with the HunterLab color 72.9973, 11.0850, -30.3039.



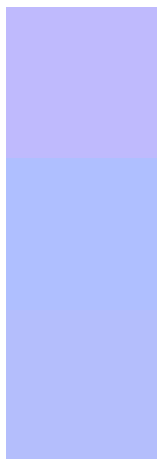
This preview shows how white text looks on a background with the HunterLab color 72.9973, 11.0850, -30.3039.

-30.3039.

# 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

72.9973, 11.0850, -30.3039

### Protanopia

73.2090, 4.4262, -31.4318

### Deuteranopia

73.1837, 5.6055, -29.4179



## Tritanopia

73.0096, -4.4148, -4.6042

# Trichromacy



## Original Color

72.9973, 11.0850, -30.3039

## Protanomaly

73.0580, 6.8775, -30.9571

## Deuteranomaly

73.2215, 7.2473, -29.3274

## Tritanomaly

72.9326, 1.1240, -13.5320

# Monochromacy



## Original Color

72.9973, 11.0850, -30.3039

## Achromatopsia

73.8732, -3.9417, 4.0137

## Achromatomaly

73.5707, 1.0367, -7.0033

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 72.9973, 11.0850, -30.3039 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(191, 186, 253)` looks like.

```
.text, #text, p{  
    color:rgb(191, 186, 253)  
}
```

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(191, 186, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 186, 253) }
```

## Border

The CSS property to change the border of an element to HunterLab 72.9973, 11.0850, -30.3039 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".

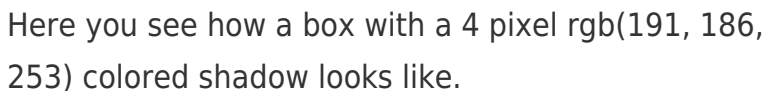
```
.border, #border, table{ border:4px solid rgb(191, 186, 253) }
```



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

```
.border{ border-color:rgb(191, 186, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 186, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 186, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 186, 253); box-shadow:4px 4px 4px 4px rgb(191, 186, 253) }
```

# Background

The CSS property to change the background color of an element to HunterLab 72.9973, 11.0850, -30.3039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 186, 253) }
```

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

```
.background{ background-color: rgb(191,  
186, 253) }
```

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