

# Converting Colors

HunterLab(63.8306, 30.0391,  
-31.0898)

Have a look what the booklet for  
HunterLab(63.8306, 30.0391,  
-31.0898) contains.

<b>HunterLab(63.7323, 30.3243, -31.2202)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(63.7323, 30.3243,  
-31.2202)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD96E8
RGB	205, 150, 232
RGB Percent	80%, 59%, 91%
CMY	0.1961, 0.4117, 0.0902
CMYK	0.12, 0.35, 0.00, 0.09
HSL	280°, 64%, 75%
HSV	280°, 35%, 91%
XYZ	50.6487, 40.6181, 81.5146
YIQ	175.7930, 6.4580, 37.1620

# Conversions

## Conversions Part 2

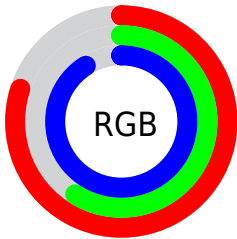
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	205, 150, 232
Decimal	13473512
CIE <sub>Lab</sub>	69.91, 35.07, -33.48
CIE <sub>LCh</sub>	70, 48.491, 316.327
Yxy	40.6198, 0.2931, 0.2351
Android (android.graphics.Color)	4291663592 (0xFFCD96E8)
YUV	175.7930, 27.7101, 25.6145
Hunter-Lab	63.7323, 30.3243, -31.2202

# Details

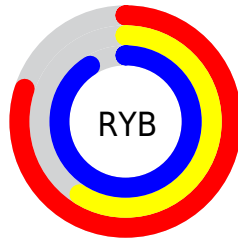
The HunterLab color  $63.7323, 30.3243, -31.2202$  is a light color, and the websafe version is hex  $CC99FF$ . A complement of this color would be  $83.2246, -33.0532, 30.1467$ , and the grayscale version is  $65.6920, -3.5052, 3.5692$ .

A 20% lighter version of the original color is  $84.9368, 21.8420, -13.3207$ , and  $42.8416, 28.2812, -29.9504$  is the 20% darker color. If you saturate the color by 10%, you get  $57.3357, 40.5394, -42.9071$ , and if you desaturate by 10%, it is  $70.6289, 20.1647, -20.2139$ .

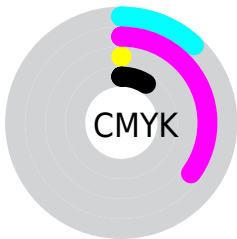
# Distribution



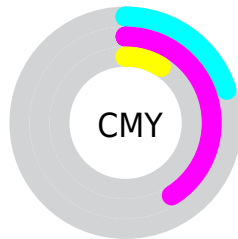
- Red (80%)
- Green (59%)
- Blue (91%)



- Red (80%)
- Yellow (59%)
- Blue (91%)



- Cyan (12%)
- Magenta (35%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (41%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.7323, 30.3243, -31.2202 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 63.7323, 30.3243, -31.2202 by changing the saturation by 10% instead.



63.7323, 30.3243,  
-31.2202

63.7323, 30.3243,  
-31.2202

186.7429, 36.0568,  
-34.3352

52.9359, 29.2605,  
-30.6316

87.2390, 32.1430,  
-32.2625

42.8279, 28.0835,  
-30.0193

99.8820, 32.9178,  
-32.7095

33.4605, 26.7815,  
-29.4144

113.0828, 33.6120,  
-33.1046

24.8975, 25.3468,  
-28.8894

126.8189, 34.2315,  
-33.4484

17.2231, 23.7855,  
-28.6193

141.0700, 34.7815,  
-33.7420

10.5556, 22.1632,  
-29.1065

155.8183, 35.2665,

0.0000, INF, -NF

-33.9866

0.0000, NaN, -NF

171.0475, 35.6904,  
-34.1838

0.0000, NaN, NaN

■ 63.7323, 30.3243,  
-31.2202

■ 63.7323, 30.3243,  
-31.2202

■ 57.3357, 40.5394,  
-42.9071

■ 70.6289, 20.1647,  
-20.2139

■ 51.5355, 50.5839,  
-55.1908

■ 77.9412, 10.1682,  
-9.8705

■ 46.4525, 60.0227,  
-67.7684

■ 85.6073, 0.3656,  
-0.1176

■ 42.2169, 68.1610,  
-80.0122

■ 93.5777, -9.2467,  
9.1290

■ 38.9423, 74.0989,  
-90.9421

■ 98.2019, -13.0678,  
14.1892

■ 36.6732, 77.0445,  
-99.4806

■ 98.9066, -10.5696,  
14.9956

■ 35.8544, 77.6510,  
-102.7931

■ 99.3007, -9.1805,  
15.4444

# Harmonies

## Analogous

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



63.7336, 8.9827, -48.7698



63.7323, 30.3243, -31.2202



63.7336, 43.3458, -6.8409

# Triad

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



63.7336, 30.3228, -31.2185



63.7336, 6.9510, 31.5677



63.7336, -39.2616, -8.9682

# Complementary

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



63.7323, 30.3243, -31.2202



83.2246, -33.0532, 30.1467

# 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.



63.7336, -39.6502, 12.3009



63.7323, 30.3243, -31.2202



63.7336, -14.9116, 31.3411

# Square

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



63.7336, 30.3228, -31.2185



63.7336, 28.6619, 26.3223



63.7336, -31.3107, 25.5405



63.7336, -30.1650, -33.2256



# Rectangle

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



63.7323, 30.3243, -31.2202



63.7336, 44.5498, 7.7638



63.7336, -31.3107, 25.5405



63.7336, -40.3677, -1.1467

# Sweetspot

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



63.7336, 30.3228, -31.2185



90.3775, 6.6151, -6.2591



66.2481, -0.2553, -27.5088



41.2778, 3.7504, -3.5855

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



63.7336, 30.3228, -31.2185



65.9870, 41.5780, -43.6172



66.3698, 36.8431, -17.9178



37.9012, 2.0082, -1.8654



26.8477, 58.0246, -76.0391



7.6330, 16.2031, -19.3406



# Inverse Universe

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



64.9188, 29.7067, 2.5328



67.7010, 40.7172, 3.1172



81.7720, -38.0895, 24.3680



38.0077, 1.9212, 1.7321



31.3650, 54.7129, 12.5213

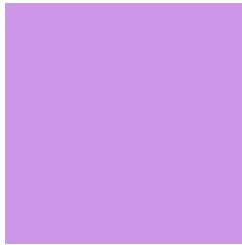


8.6234, 15.2297, 1.9924



# Previews

## White Background



This preview shows how the HunterLab color 63.7323, 30.3243, -31.2202 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

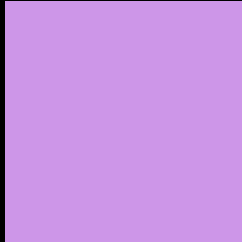
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 63.7323, 30.3243, -31.2202 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

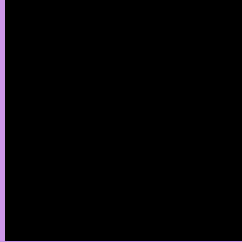
Any Text WCAG AA ✓ Pass

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 63.7323, 30.3243, -31.2202 Background



This preview shows how black text looks on a background with the HunterLab color 63.7323, 30.3243, -31.2202.



This preview shows how white text looks on a background with the HunterLab color 63.7323, 30.3243, -31.2202.

-31.2202.

# 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

63.7323, 30.3243, -31.2202

### Protanopia

63.8515, 7.0464, -41.4918

### Deuteranopia

63.7767, 5.1483, -28.8462



## Tritanopia

63.7436, 9.7718, 2.2029

# Trichromacy



## Original Color

63.7323, 30.3243, -31.2202

## Protanomaly

63.2899, 14.9132, -38.6997

## Deuteranomaly

63.3605, 14.0435, -30.0781

## Tritanomaly

63.6679, 16.5111, -8.5588

# Monochromacy



## Original Color

63.7323, 30.3243, -31.2202

## Achromatopsia

65.8903, -3.5157, 3.5799

## Achromatomaly

64.9521, 8.0123, -7.5085

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 63.7323, 30.3243, -31.2202 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(205, 150, 232)` looks like.

```
.text, #text, p{  
    color:rgb(205, 150, 232)  
}
```

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(205, 150, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 150, 232) }
```

## Border

The CSS property to change the border of an element to HunterLab 63.7323, 30.3243, -31.2202 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(205, 150, 232) }
```



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

```
.border{ border-color:rgb(205, 150, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 150, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 150, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 150, 232);  
box-shadow:4px 4px 4px 4px rgb(205, 150,  
232) }
```

# Background

The CSS property to change the background color of an element to HunterLab 63.7323, 30.3243, -31.2202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 150, 232) }
```

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

```
.background{ background-color: rgb(205,  
150, 232) }
```

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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