

# Converting Colors

HunterLab(34.9084, 63.9744,  
-33.9453)

Have a look what the booklet for  
HunterLab(34.9084, 63.9744,  
-33.9453) contains.

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# Color

**HunterLab(34.9296, 63.9010,  
-33.8099)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B012A0
RGB	176, 18, 160
RGB Percent	69%, 7%, 63%
CMY	0.3098, 0.9294, 0.3725
CMYK	0.00, 0.90, 0.09, 0.31
HSL	306°, 81%, 38%
HSV	306°, 90%, 69%
XYZ	24.4659, 12.2008, 34.3232
YIQ	81.4300, 48.5860, 77.6580

# Conversions

## Conversions Part 2

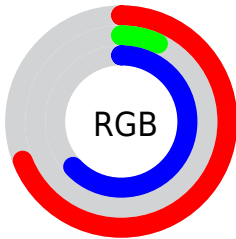
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 18, 160
Decimal	11539104
CIELab	41.53, 70.07, -36.92
CIElCh	42, 79.201, 332.217
Yxy	12.2014, 0.3446, 0.1719
Android (android.graphics.Color)	4289729184 (0xFFB012A0)
YUV	81.4300, 38.7350, 82.9379
Hunter-Lab	34.9296, 63.9010, -33.8099

# Details

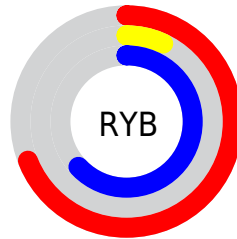
The HunterLab color **34.9296, 63.9010, -33.8099** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **55.9422, -46.6414, 32.0496**, and the grayscale version is **28.6955, -1.5311, 1.5591**.

A 20% lighter version of the original color is **54.6633, 68.2085, -34.8541**, and **22.3711, 43.1508, -23.0603** is the 20% darker color. If you saturate the color by 10%, you get **34.2277, 65.7824, -33.9614**, and if you desaturate by 10%, it is **36.1520, 60.3006, -32.5615**.

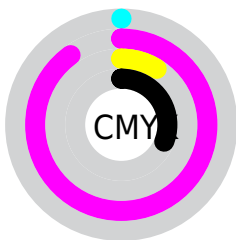
# Distribution



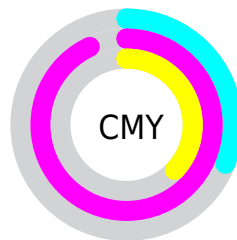
- Red (69%)
- Green (7%)
- Blue (63%)



- Red (69%)
- Yellow (7%)
- Blue (63%)



- Cyan (0%)
- Magenta (90%)
- Yellow (9%)
- Black (31%)



- Cyan (31%)
- Magenta (93%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.9296, 63.9010, -33.8099 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 34.9296, 63.9010, -33.8099 by changing the saturation by 10% instead.



34.9296, 63.9010,  
-33.8099

34.9296, 63.9010,  
-33.8099

143.4343, 81.9698,  
-38.6440

26.2316, 61.6547,  
-33.3135

54.6455, 68.4777,  
-35.0675

18.4059, 59.7009,  
-33.1407

65.5513, 70.6801,  
-35.7029

11.5645, 58.6888,  
-33.8436

77.0992, 72.7943,  
-36.3075

4.1215, 94.5393,  
-56.3980

89.2553, 74.8145,  
-36.8707

0.0000, INF, -NF

0.0000, NaN, -NF

101.9907, 76.7397,  
-37.3875

0.0000, NaN, NaN

115.2800, 78.5719,

0.0000, NaN, NaN

-37.8556

0.0000, NaN, NaN

129.1011, 80.3140,  
-38.2743

■ 34.9296, 63.9010,  
-33.8099

■ 34.9296, 63.9010,  
-33.8099

■ 34.2277, 65.7824,  
-33.9614

■ 36.1520, 60.3006,  
-32.5615

■ 34.2124, 65.8228,  
-33.9623

■ 38.0272, 54.7887,  
-30.0485

■ 40.5493, 47.7592,  
-26.4698

■ 43.6725, 39.7149,  
-22.1127

■ 47.3315, 31.1133,  
-17.2558

■ 51.4567, 22.2952,  
-12.1202

■ 55.9826, 13.4801,  
-6.8586

■ 60.8517, 4.7911,  
-1.5661

■ 66.0155, -3.7139,  
3.7037

# Harmonies

## Analogous

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



34.9305, 33.8513, -81.6144



34.9296, 63.9010, -33.8099



34.9305, 74.9043, 3.9266

# Triad

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



34.9305, 63.8988, -33.8083



34.9305, -4.0348, 24.4513



34.9305, -38.0929, -40.8902

# Complementary

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



34.9296, 63.9010, -33.8099



55.9422, -46.6414, 32.0496

# 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.



34.9305, -42.4226, -0.2529



34.9296, 63.9010, -33.8099



34.9305, -27.2748, 23.9050

# Square

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



34.9305, 63.8988, -33.8083



34.9305, 28.7366, 24.2685



34.9305, -39.2429, 18.8708



34.9305, -24.5879, -87.5878



# Rectangle

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



34.9296, 63.9010, -33.8099



34.9305, 67.7716, 16.7792



34.9305, -39.2429, 18.8708



34.9305, -40.4207, -25.3074

# Sweetspot

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



34.9305, 63.8988, -33.8083



70.6499, 27.2968, -14.7080



19.7602, 44.0698, -110.2963



31.9833, 14.5448, -7.9328



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444



# Same Dimension

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



34.9305, 63.8988, -33.8083



46.0533, 88.5708, -45.4579



32.0320, 53.2454, 6.1849



29.3796, 2.1256, -0.6431



29.3137, 56.4114, -29.2027



5.2404, 10.1485, -5.7155



# Inverse Universe

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



34.9305, 63.8988, -33.8083



46.0533, 88.5708, -45.4579



56.8925, -40.7497, 18.1219



29.3796, 2.1256, -0.6431



29.3137, 56.4114, -29.2027



5.2404, 10.1485, -5.7155



# Previews

## White Background



This preview shows how the HunterLab color 34.9296, 63.9010, -33.8099 looks on a white 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 × Fail



# Black Background



This preview shows how the HunterLab color 34.9296, 63.9010, -33.8099 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

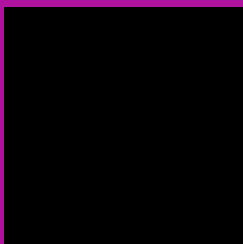
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 34.9296, 63.9010, -33.8099 Background



This preview shows how black text looks on a background with the HunterLab color 34.9296, 63.9010, -33.8099.



This preview shows how white text looks on a background with the HunterLab color 34.9296, 63.9010, -33.8099.

-33.8099.

# 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

34.9296, 63.9010, -33.8099

### Protanopia

35.6726, 13.0405, -72.7383

### Deuteranopia

35.5268, 2.4843, -26.2192



## Tritanopia

35.0708, 34.3792, 12.9668

# Trichromacy



## Original Color

34.9296, 63.9010, -33.8099



## Protanomaly

29.7575, 27.4559, -75.9772



## Deuteranomaly

31.8719, 26.5803, -36.7670



## Tritanomaly

33.9392, 45.4951, 0.2013

# Monochromacy



## Original Color

34.9296, 63.9010, -33.8099



## Achromatopsia

28.6850, -1.5306, 1.5585



## Achromatomaly

28.0444, 24.3094, -13.4811

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 34.9296, 63.9010, -33.8099 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(176, 18, 160)` looks like.

```
.text, #text, p{  
    color:rgb(176, 18, 160)  
}
```

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(176, 18, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 18, 160) }
```

## Border

The CSS property to change the border of an element to HunterLab 34.9296, 63.9010, -33.8099 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(176, 18, 160) }
```



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

```
.border{ border-color:rgb(176, 18, 160) }
```

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

Here you see how a box with a 4 pixel rgb(176, 18, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 18, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 18, 160);  
box-shadow:4px 4px 4px 4px rgb(176, 18,  
160) }
```

# Background

The CSS property to change the background color of an element to HunterLab 34.9296, 63.9010, -33.8099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 18, 160) }
```

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

```
.background{ background-color: rgb(176, 18,  
160) }
```

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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