

# Converting Colors

HunterLab(66.6339, 1.5616,  
-14.9259)

Have a look what the booklet for  
HunterLab(66.6339, 1.5616,  
-14.9259) contains.

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# Color

**HunterLab(66.6339, 1.5616,  
-14.9259)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAB0D5
RGB	170, 176, 213
RGB Percent	67%, 69%, 84%
CMY	0.3333, 0.3098, 0.1647
CMYK	0.20, 0.17, 0.00, 0.16
HSL	232°, 34%, 75%
HSV	232°, 20%, 84%
XYZ	44.1131, 44.4008, 69.1959
YIQ	178.4240, -15.4530, 10.2350

# Conversions

## Conversions Part 2

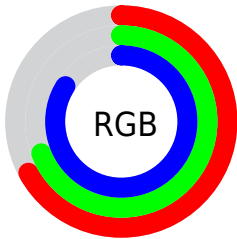
Format	Color
<b>RYB</b>	170, 175, 213
Decimal	11186389
CIELab	72.50, 5.67, -19.37
CIELCh	72, 20.184, 286.324
Yxy	44.4026, 0.2797, 0.2815
Android (android.graphics.Color)	4289376469 (0xFFAAB0D5)
YUV	178.4240, 17.0460, -7.3878
Hunter-Lab	66.6339, 1.5616, -14.9259

# Details

The HunterLab color  $66.6339, 1.5616, -14.9259$  is a light color, and the websafe version is hex  $9999CC$ . A complement of this color would be  $78.5329, -7.8537, 19.5415$ , and the grayscale version is  $66.8372, -3.5663, 3.6314$ .

A 20% lighter version of the original color is  $90.0566, -2.4600, -6.8369$ , and  $45.4597, 1.7854, -14.1457$  is the 20% darker color. If you saturate the color by 10%, you get  $59.5896, 5.1202, -25.8264$ , and if you desaturate by 10%, it is  $73.9262, -1.5486, -4.9622$ .

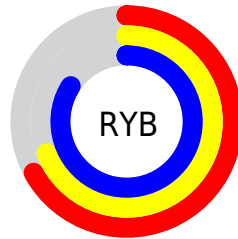
# Distribution



Red (67%)

Green (69%)

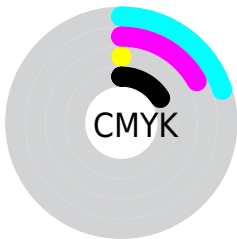
Blue (84%)



Red (67%)

Yellow (69%)

Blue (84%)

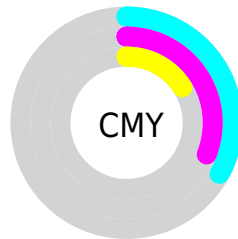


Cyan (20%)

Magenta (17%)

Yellow (0%)

Black (16%)



Cyan (33%)

Magenta (31%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.6339, 1.5616, -14.9259 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 66.6339, 1.5616, -14.9259 by changing the saturation by 10% instead.



■ 66.6339, 1.5616,  
-14.9259

■ 66.6339, 1.5616,  
-14.9259

190.8792, -2.9783,  
-14.3735

■ 55.6661, 1.8576,  
-14.7141

■ 90.4562, 0.8218,  
-15.1604

■ 45.3751, 2.1000,  
-14.4376

103.2459, 0.3875,  
-15.1928

■ 35.8105, 2.2813,  
-14.0932

116.5873, -0.0864,  
-15.1725

■ 27.0322, 2.3925,  
-13.6837

130.4585, -0.5975,  
-15.1024

■ 19.1183, 2.4208,  
-13.2257

144.8400, -1.1439,  
-14.9852

■ 12.1760, 2.3463,  
-12.7814

159.7142, -1.7238,

■ 5.2574, 4.4213,

-14.8233

-16.9953

175.0654, -2.3357,  
-14.6187

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 66.6339, 1.5616,  
-14.9259

■ 66.6339, 1.5616,  
-14.9259

■ 59.5896, 5.1202,  
-25.8264

■ 73.9262, -1.5486,  
-4.9622

■ 52.8334, 9.2563,  
-37.9268

■ 81.4295, -4.3038,  
4.2653

■ 46.4270, 14.1270,  
-51.5372

■ 89.1200, -6.7789,  
12.9161

■ 40.4550, 19.9149,  
-66.9834

■ 96.9582, -9.0998,  
21.0910

■ 35.0362, 26.7815,

■ 98.7847, -12.0350,

-84.4714

22.8769

■ 30.3345, 34.7337,  
-103.7412

■ 26.5575, 43.3392,  
-123.4165

■ 23.9145, 51.2105,  
-140.4399

# Harmonies

## Analogous

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



66.6353, -7.7493, -15.1843



66.6339, 1.5616, -14.9259



66.6353, 9.9239, -9.2722

# Triad

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



66.6353, 1.5605, -14.9246



66.6353, 9.2928, 14.8309



66.6353, -20.1155, 7.5385

# Complementary

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



66.6339, 1.5616, -14.9259



78.5329, -7.8537, 19.5415

# 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.



66.6353, -16.0485, 14.3724



66.6339, 1.5616, -14.9259



66.6353, 0.7373, 18.1743

# Square

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



66.6353, 1.5605, -14.9246



66.6353, 14.5533, 8.2493



66.6353, -8.5286, 18.0189



66.6353, -19.9222, -1.3519



# Rectangle

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



66.6339, 1.5616, -14.9259



66.6353, 13.6862, -3.5990



66.6353, -8.5286, 18.0189



66.6353, -19.2113, 10.1249

# Sweetspot

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



66.6353, 1.5605, -14.9246



94.3923, -3.3387, -1.3196



77.8578, -17.9962, 2.9259



43.3903, -1.4402, -0.9586

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



66.6353, 1.5605, -14.9246



78.1438, 3.6102, -23.5667



66.2384, 9.1373, -15.3721



35.0506, -0.8329, -1.9926



18.9248, 39.1298, -108.1245



5.5529, 6.6179, -21.2267



# Inverse Universe

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



67.8464, 11.9026, 6.1191



80.0219, 18.7574, 8.0796



79.0509, -15.6683, 19.9121



35.2828, 1.4595, 2.3968



29.5066, 50.7523, 17.3508



7.3106, 12.7010, 3.3180



# Previews

## White Background



This preview shows how the HunterLab color 66.6339, 1.5616, -14.9259 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

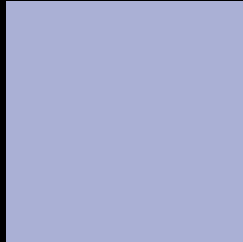
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 66.6339, 1.5616, -14.9259 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

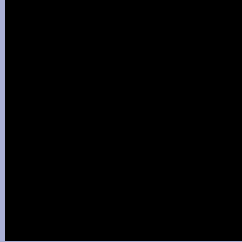
Any Text WCAG AA ✓ Pass

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 66.6339, 1.5616, -14.9259 Background



This preview shows how black text looks on a background with the HunterLab color 66.6339, 1.5616, -14.9259.



This preview shows how white text looks on a background with the HunterLab color 66.6339, 1.5616, -14.9259.

-14.9259.

# 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

66.6339, 1.5616, -14.9259

### Protanopia

66.6339, 1.5616, -14.9259

### Deuteranopia

66.6508, 4.6211, -14.8478



## Tritanopia

66.5148, -4.8067, -4.5931

# Trichromacy



## Original Color

66.6339, 1.5616, -14.9259

## Protanomaly

66.6339, 1.5616, -14.9259

## Deuteranomaly

66.6804, 3.2254, -14.8292

## Tritanomaly

66.5382, -2.6984, -8.2856

# Monochromacy



## Original Color

66.6339, 1.5616, -14.9259

## Achromatopsia

66.7234, -3.5602, 3.6252

## Achromatomaly

66.5731, -1.7308, -2.9061

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 66.6339, 1.5616, -14.9259 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(170, 176, 213)` looks like.

```
.text, #text, p{  
    color:rgb(170, 176, 213)  
}
```

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(170, 176, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 176, 213) }
```

## Border

The CSS property to change the border of an element to HunterLab 66.6339, 1.5616, -14.9259 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(170, 176, 213) }
```



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

```
.border{ border-color:rgb(170, 176, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 176, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 176, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 176, 213);  
box-shadow:4px 4px 4px 4px rgb(170, 176,  
213) }
```

# Background

The CSS property to change the background color of an element to HunterLab 66.6339, 1.5616, -14.9259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 176, 213) }
```

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

```
.background{ background-color: rgb(170,  
176, 213) }
```

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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