

# Converting Colors

HunterLab(72.3713, -3.8035,  
-12.3807)

Have a look what the booklet for  
HunterLab(72.3713, -3.8035,  
-12.3807) contains.

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# Color

**HunterLab(72.4336, -3.9251,  
-12.5796)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AEC1DF
RGB	174, 193, 223
RGB Percent	68%, 76%, 87%
CMY	0.3176, 0.2431, 0.1255
CMYK	0.22, 0.13, 0.00, 0.13
HSL	217°, 43%, 78%
HSV	217°, 22%, 87%
XYZ	49.8447, 52.4663, 77.3119
YIQ	190.7390, -20.9540, 5.3020

# Conversions

## Conversions Part 2

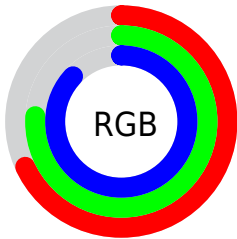
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 188, 223
Decimal	11452895
CIELab	77.56, -0.06, -17.12
CIELCh	78, 17.117, 269.790
Yxy	52.4684, 0.2775, 0.2921
Android (android.graphics.Color)	4289642975 (0xFFAEC1DF)
YUV	190.7390, 15.9047, -14.6801
Hunter-Lab	72.4336, -3.9251, -12.5796

# Details

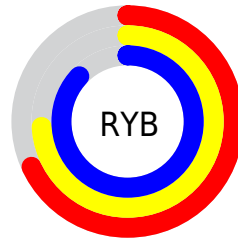
The HunterLab color  $72.4336, -3.9251, -12.5796$  is a light color, and the websafe version is hex  $99CCFF$ . A complement of this color would be  $78.6955, -2.3832, 18.2793$ , and the grayscale version is  $72.0124, -3.8424, 3.9126$ .

A 20% lighter version of the original color is  $95.8094, -10.1270, 0.3136$ , and  $50.6441, -2.8699, -12.2138$  is the 20% darker color. If you saturate the color by 10%, you get  $66.6002, -2.9020, -21.1621$ , and if you desaturate by 10%, it is  $78.4623, -4.4669, -4.4842$ .

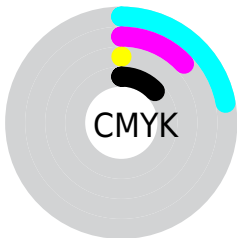
# Distribution



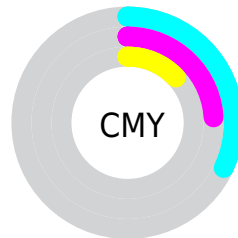
- Red (68%)
- Green (76%)
- Blue (87%)



- Red (68%)
- Yellow (74%)
- Blue (87%)



- Cyan (22%)
- Magenta (13%)
- Yellow (0%)
- Black (13%)



- Cyan (32%)
- Magenta (24%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.4336, -3.9251, -12.5796 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 72.4336, -3.9251, -12.5796 by changing the saturation by 10% instead.



■ 72.4336, -3.9251,  
-12.5796

■ 72.4336, -3.9251,  
-12.5796

199.0583,  
-10.7123, -11.1631

■ 61.1380, -3.3197,  
-12.4774

■ 96.8616, -5.2367,  
-12.6028

■ 50.4982, -2.7480,  
-12.3119

109.9336, -5.9376,  
-12.5339

■ 40.5592, -2.2136,  
-12.0776

123.5458, -6.6672,  
-12.4152

■ 31.3744, -1.7191,  
-11.7716

137.6777, -7.4246,  
-12.2495

■ 23.0116, -1.2682,  
-11.3952

152.3107, -8.2086,  
-12.0394

■ 15.5614, -0.8655,  
-10.9656

167.4283, -9.0184,

■ 9.1485, -0.5185,

-11.7869

-10.5737

183.0155, -9.8532,  
-11.4942

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 72.4336, -3.9251,  
-12.5796

■ 72.4336, -3.9251,  
-12.5796

■ 66.6002, -2.9020,  
-21.1621

■ 78.4623, -4.4669,  
-4.4842

■ 60.9834, -1.3025,  
-30.3194

■ 84.6609, -4.5999,  
3.1955

■ 55.6163, 0.9814,  
-40.1366

■ 91.0135, -4.3872,  
10.5263

■ 50.5375, 4.0741,  
-50.6914

■ 96.6875, -6.7269,  
16.6504

■ 45.7935, 8.1058,

■ 99.0494, -10.5689,

-62.0288

19.0594

■ 41.4387, 13.1888,  
-74.1222

■ 37.5315, 19.3688,  
-86.8205

■ 34.7277, 24.9904,  
-97.3536

# Harmonies

## Analogous

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



72.4351, -11.5757, -10.1370



72.4336, -3.9251, -12.5796



72.4351, 4.0707, -10.2020

# Triad

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



72.4351, -3.9262, -12.5783



72.4351, 10.2180, 10.9554



72.4351, -16.9019, 11.0402

# Complementary

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



72.4336, -3.9251, -12.5796



78.6955, -2.3832, 18.2793

# 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.



72.4351, -11.4805, 15.7084



72.4336, -3.9251, -12.5796



72.4351, 4.1743, 15.6634

# Square

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



72.4351, -3.9262, -12.5783



72.4351, 12.4529, 3.8882



72.4351, -3.8115, 17.3049



72.4351, -18.8623, 3.9974



# Rectangle

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



72.4336, -3.9251, -12.5796



72.4351, 8.4731, -6.3407



72.4351, -3.8115, 17.3049



72.4351, -15.4360, 12.9097

# Sweetspot

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



72.4351, -3.9262, -12.5783



94.8658, -5.3306, -0.7662



81.3055, -22.2576, 8.3261



43.6864, -2.4614, -0.6064

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



72.4351, -3.9262, -12.5783



81.4260, -4.1416, -18.7864



67.2107, 7.2681, -20.0433



37.5641, -2.1297, -1.1779



27.0094, 18.2450, -73.1452



8.2205, 2.3807, -15.4141



# Inverse Universe

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



70.5773, 16.0840, 1.3857



78.9951, 23.4653, 1.1315



84.1149, -13.5684, 23.3668



37.1323, 1.9633, 1.4329



31.0556, 54.5366, 9.5789

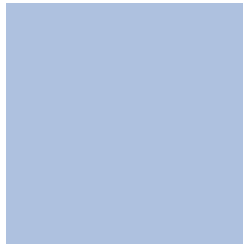


8.2805, 14.7398, 1.0166



# Previews

## White Background



This preview shows how the HunterLab color 72.4336, -3.9251, -12.5796 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

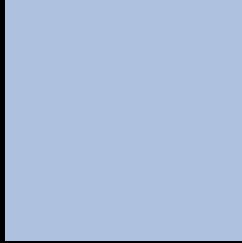
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 72.4336, -3.9251, -12.5796 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

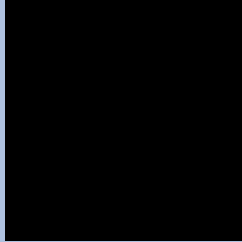
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

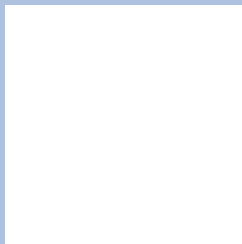
Any Text WCAG AAA ✓ Pass

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

## HunterLab 72.4336, -3.9251, -12.5796 Background



This preview shows how black text looks on a background with the HunterLab color 72.4336, -3.9251, -12.5796.



This preview shows how white text looks on a background with the HunterLab color 72.4336, -3.9251, -12.5796.

-12.5796.

# 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

72.4336, -3.9251, -12.5796

### Protanopia

72.4475, 0.6331, -11.3300

### Deuteranopia

72.3822, 5.1997, -13.0729



## Tritanopia

72.4597, -7.8542, -5.9152

# Trichromacy



## Original Color

72.4336, -3.9251, -12.5796

## Protanomaly

72.4435, -0.8490, -11.9350

## Deuteranomaly

72.3476, 2.0482, -13.1769

## Tritanomaly

72.3700, -6.3045, -8.1867

# Monochromacy



## Original Color

72.4336, -3.9251, -12.5796

## Achromatopsia

72.1800, -3.8513, 3.9217

## Achromatomaly

72.3363, -4.1028, -1.8084

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 72.4336, -3.9251, -12.5796 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(174, 193, 223)` looks like.

```
.text, #text, p{  
    color:rgb(174, 193, 223)  
}
```

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(174, 193, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 193, 223) }
```

## Border

The CSS property to change the border of an element to HunterLab 72.4336, -3.9251, -12.5796 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(174, 193, 223) }
```



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

```
.border{ border-color:rgb(174, 193, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 193, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 193, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 193, 223);  
box-shadow:4px 4px 4px 4px rgb(174, 193,  
223) }
```

# Background

The CSS property to change the background color of an element to HunterLab 72.4336, -3.9251, -12.5796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 193, 223) }
```

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

```
.background{ background-color: rgb(174,  
193, 223) }
```

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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