

Converting Colors

HunterLab(76.4460, -30.2437,
39.7955)

Have a look what the booklet for
HunterLab(76.4460, -30.2437,
39.7955) contains.

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Color

**HunterLab(76.3863,
-30.1166, 39.7080)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D656
RGB	179, 214, 86
RGB Percent	70%, 84%, 34%
CMY	0.2980, 0.1608, 0.6627
CMYK	0.16, 0.00, 0.60, 0.16
HSL	76°, 61%, 59%
HSV	76°, 60%, 84%
XYZ	44.3166, 58.3487, 17.7308
YIQ	188.9430, 20.2280, -47.2280

Conversions

Conversions Part 2

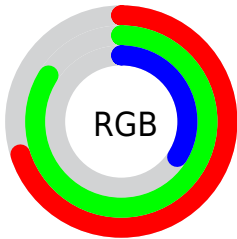
Format	Color
RYB	86, 214, 121
Decimal	11785814
CIELab	80.93, -30.10, 57.91
CIELCh	81, 65.263, 117.464
Yxy	58.3513, 0.3681, 0.4846
Android (android.graphics.Color)	4289975894 (0xFFB3D656)
YUV	188.9430, -50.7509, -8.7200
Hunter-Lab	76.3863, -30.1166, 39.7080

Details

The HunterLab color **76.3863, -30.1166, 39.7080** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **39.4679, 36.5482, -70.6150**, and the grayscale version is **71.5144, -3.8158, 3.8855**.

A 20% lighter version of the original color is **95.6127, -26.5227, 43.0664**, and **53.9406, -25.6037, 31.5121** is the 20% darker color. If you saturate the color by 10%, you get **75.7455, -32.9735, 42.2292**, and if you desaturate by 10%, it is **77.1114, -26.8539, 36.2644**.

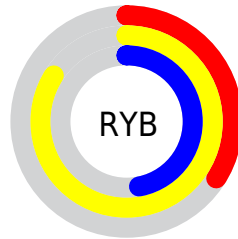
Distribution



Red (70%)

Green (84%)

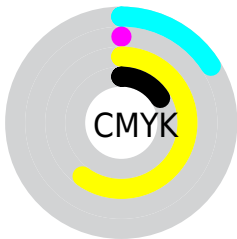
Blue (34%)



Red (34%)

Yellow (84%)

Blue (47%)

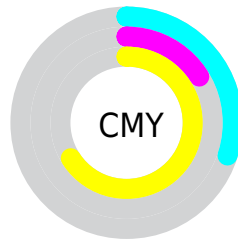


Cyan (16%)

Magenta (0%)

Yellow (60%)

Black (16%)



Cyan (30%)

Magenta (16%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.3863, -30.1166, 39.7080 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 76.3863, -30.1166, 39.7080 by changing the saturation by 10% instead.

■ 76.3863, -30.1166,
39.7080

■ 76.3863, -30.1166,
39.7080

204.5712,
-48.3859, 70.2966

■ 64.8777, -27.9156,
35.7361

■ 101.2098,
-34.3672, 47.1871

■ 54.0117, -25.6404,
31.5716

■ 114.4665,
-36.4332, 50.7374

■ 43.8309, -23.2712,
27.1826

■ 128.2562,
-38.4704, 54.1852

■ 34.3848, -20.7764,
22.5424

■ 142.5592,
-40.4843, 57.5441

■ 25.7359, -18.1076,
18.0152

157.3575,
-42.4795, 60.8257

■ 17.9658, -15.1853,
12.5761

172.6351,

■ 11.1881, -12.9466,

-44.4595, 64.0397

7.8317

188.3774,
-46.4274, 67.1943

■ 3.2151, -5.6264,
2.2505

0.0000, NaN, NaN

■ 76.3863, -30.1166,
39.7080

■ 76.3863, -30.1166,
39.7080

■ 75.7455, -32.9735,
42.2292

■ 77.1114, -26.8539,
36.2644

■ 75.1792, -35.4361,
43.8868

■ 77.9189, -23.1699,
31.8559

■ 74.6833, -37.5348,
44.7677

■ 78.8130, -19.0642,
26.4586

■ 74.2453, -39.3367,
45.0517

■ 79.7953, -14.5399,
20.0621

■ 74.2373, -39.3694,
45.0555

■ 80.8667, -9.6052,
12.6682

■ 82.0274, -4.2718,
4.2891

■ 83.2774, 1.4451,
-5.0540

■ 84.5313, 7.0765,
-14.1460

■ 85.0980, 8.9641,
-13.3217

Harmonies

Analogous

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



76.3880, -1.3737, 42.2849



76.3863, -30.1166, 39.7080



76.3880, -48.8325, 29.1605

Triad

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



76.3880, -30.1187, 39.7085



76.3880, -34.0758, -62.3394



76.3880, 66.5510, 1.5569

Complementary

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



76.3863, -30.1166, 39.7080



39.4679, 36.5482, -70.6150

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.



76.3880, 54.1568, -33.8961



76.3863, -30.1166, 39.7080



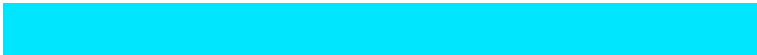
76.3880, -6.7491, -79.0001

Square

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



76.3880, -30.1187, 39.7085



76.3880, -50.8429, -27.5714



76.3880, 25.9940, -66.9156



76.3880, 57.6200, 26.2909

Rectangle

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



76.3863, -30.1166, 39.7080



76.3880, -54.7827, 15.6650



76.3880, 25.9940, -66.9156



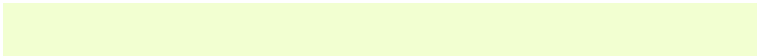
76.3880, 64.7011, -9.4748

Sweetspot

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



76.3880, -30.1187, 39.7085



97.5115, -16.7821, 23.0755



53.3244, 27.6785, 23.5528



44.9428, -8.5497, 11.8219

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.3880, -30.1187, 39.7085



92.1571, -41.1303, 52.1881



72.4374, -45.6613, 36.6294



37.8699, -4.4016, 5.7847



57.7613, -30.4223, 35.0597



14.3261, -6.9198, 8.7065

Inverse Universe

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



39.4679, 36.5482, -70.6150



39.8581, 56.9853, -115.1734



46.6036, 53.5212, -51.2870



34.8875, 0.6418, -2.1775



18.7945, 47.7996, -108.8880



5.0410, 12.1440, -23.9596

Previews

White Background



This preview shows how the HunterLab color 76.3863, -30.1166, 39.7080 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 76.3863, -30.1166, 39.7080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

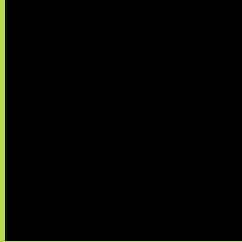
Any Text WCAG AA ✓ Pass

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 76.3863, -30.1166, 39.7080 Background



This preview shows how black text looks on a background with the HunterLab color 76.3863, -30.1166, 39.7080.



This preview shows how white text looks on a background with the HunterLab color 76.3863, -30.1166, 39.7080.

-30.1166, 39.7080.

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

76.3863, -30.1166, 39.7080

Protanopia

76.2040, -9.5822, 40.5779

Deuteranopia

76.1632, 5.7350, 38.9702



Tritanopia

76.3232, -3.3935, -4.0247

Trichromacy



Original Color

76.3863, -30.1166, 39.7080

Protanomaly

76.1791, -17.6437, 40.2630

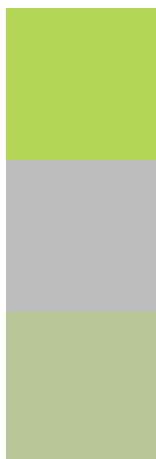
Deuteranomaly

75.6789, -8.1366, 38.9124

Tritanomaly

76.0434, -15.1947, 17.3252

Monochromacy



Original Color

76.3863, -30.1166, 39.7080

Achromatopsia

71.3359, -3.8063, 3.8758

Achromatomaly

72.7801, -14.8668, 20.3868

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.3863, -30.1166, 39.7080 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(179, 214, 86)` looks like.

```
.text, #text, p{  
    color:rgb(179, 214, 86)  
}
```

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(179, 214, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 214, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 76.3863, -30.1166, 39.7080 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(179, 214, 86) }
```


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

```
.border{ border-color:rgb(179, 214, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 214, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 214, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 214, 86);  
box-shadow:4px 4px 4px 4px rgb(179, 214,  
86) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.3863, -30.1166, 39.7080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 214, 86) }
```

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

```
.background{ background-color: rgb(179,  
214, 86) }
```

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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