

Converting Colors

HunterLab(76.8389, -29.1162,
45.5869)

Have a look what the booklet for
HunterLab(76.8389, -29.1162,
45.5869) contains.

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Color

**HunterLab(76.8331,
-29.1322, 45.6072)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD623
RGB	189, 214, 35
RGB Percent	74%, 84%, 14%
CMY	0.2588, 0.1608, 0.8627
CMYK	0.12, 0.00, 0.84, 0.16
HSL	68°, 72%, 49%
HSV	68°, 84%, 84%
XYZ	45.3361, 59.0333, 10.5951
YIQ	186.1190, 42.5590, -60.9690

Conversions

Conversions Part 2

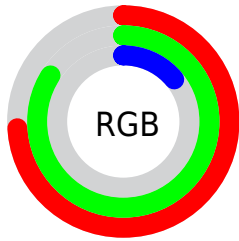
Format	Color
RYB	35, 214, 60
Decimal	12441123
CIELab	81.31, -28.78, 75.78
CIELCh	81, 81.063, 110.792
Yxy	59.0359, 0.3943, 0.5135
Android (android.graphics.Color)	4290631203 (0xFFBDD623)
YUV	186.1190, -74.5017, 2.5266
Hunter-Lab	76.8331, -29.1322, 45.6072

Details

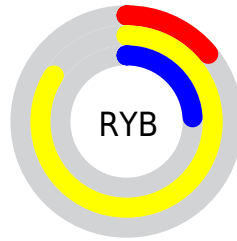
The HunterLab color **76.8331, -29.1322, 45.6072** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed chartreuse. A complement of this color would be **26.4935, 52.0308, -125.1439**, and the grayscale version is **70.4152, -3.7572, 3.8258**.

A 20% lighter version of the original color is **96.2084, -25.3563, 51.5646**, and **54.4257, -23.8846, 33.1187** is the 20% darker color. If you saturate the color by 10%, you get **76.5289, -30.4195, 46.3130**, and if you desaturate by 10%, it is **77.1948, -27.5509, 44.1707**.

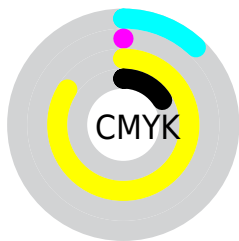
Distribution



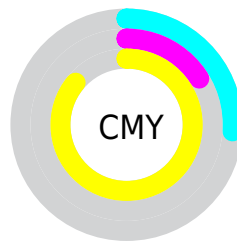
- Red (74%)
- Green (84%)
- Blue (14%)



- Red (14%)
- Yellow (84%)
- Blue (24%)



- Cyan (12%)
- Magenta (0%)
- Yellow (84%)
- Black (16%)



- Cyan (26%)
- Magenta (16%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.8331, -29.1322, 45.6072 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 76.8331, -29.1322, 45.6072 by changing the saturation by 10% instead.

■ 76.8331, -29.1322,
45.6072

■ 76.8331, -29.1322,
45.6072

205.1914,
-46.8713, 84.2508

■ 65.3009, -27.0075,
40.5486

■ 101.7005,
-33.2449, 55.1370

■ 54.4099, -24.8143,
35.2657

■ 114.9777,
-35.2474, 59.6502

■ 44.2024, -22.5346,
29.7522

■ 128.7872,
-37.2241, 64.0214

■ 34.7275, -20.1391,
24.3093

■ 143.1091,
-39.1801, 68.2670

■ 26.0472, -17.5829,
18.2330

■ 157.9258,
-41.1197, 72.4013

■ 18.2421, -14.7921,
12.7695

■ 173.2212,

■ 11.4243, -12.3716,

-43.0463, 76.4365

7.9970

188.9809,
-44.9627, 80.3832

■ 3.8102, -6.6678,
2.6671

0.0000, NaN, NaN

■ 76.8331, -29.1322,
45.6072

■ 76.8331, -29.1322,
45.6072

■ 76.5289, -30.4195,
46.3130

■ 77.1948, -27.5509,
44.1707

■ 76.3542, -31.1286,
46.5041

■ 77.6160, -25.6306,
41.8992

■ 78.1039, -23.3468,
38.7175

■ 78.6629, -20.6807,
34.5694

■ 79.2964, -17.6200,
29.4156

■ 80.0071, -14.1578,
23.2304

■ 80.7971, -10.2926,
16.0013

■ 81.6677, -6.0270,
7.7266

■ 82.6199, -1.3673,
-1.5852

Harmonies

Analogous

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



76.8349, 8.3678, 46.6857



76.8331, -29.1322, 45.6072



76.8349, -54.3350, 37.1630

Triad

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



76.8349, -29.1345, 45.6077



76.8349, -46.2811, -74.9866



76.8349, 85.6393, -8.2345

Complementary

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



76.8331, -29.1322, 45.6072



26.4935, 52.0308, -125.1439

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.



76.8349, 63.6672, -56.5598



76.8331, -29.1322, 45.6072



76.8349, -15.8275, -106.0166

Square

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



76.8349, -29.1345, 45.6077



76.8349, -62.7638, -25.9671



76.8349, 24.6081, -97.9629



76.8349, 80.0882, 25.5772

Rectangle

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



76.8331, -29.1322, 45.6072



76.8349, -63.2426, 24.2752



76.8349, 24.6081, -97.9629



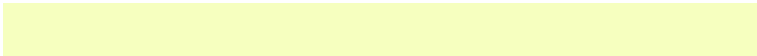
76.8349, 81.0862, -23.4303

Sweetspot

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



76.8349, -29.1345, 45.6077



97.4179, -17.9770, 29.6271



41.8730, 52.8790, 24.4752



44.9252, -9.0231, 14.9787

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.8349, -29.1345, 45.6077



93.0798, -38.0723, 56.6888



71.3886, -50.7227, 41.7801



37.9841, -3.9977, 5.9147



59.3890, -24.0899, 36.1735



14.6700, -5.5934, 8.9417

Inverse Universe

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



26.4935, 52.0308, -125.1439



27.5469, 73.3840, -185.3677



35.1976, 65.2899, -84.3389



34.7722, 0.2484, -2.3340



17.6837, 46.8781, -117.2086



4.6484, 11.7682, -26.5121

Previews

White Background



This preview shows how the HunterLab color 76.8331, -29.1322, 45.6072 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 76.8331, -29.1322, 45.6072 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 76.8331, -29.1322, 45.6072 Background



This preview shows how black text looks on a background with the HunterLab color 76.8331, -29.1322, 45.6072.



This preview shows how white text looks on a background with the HunterLab color 76.8331, -29.1322, 45.6072.

-29.1322, 45.6072.

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

76.8331, -29.1322, 45.6072

Protanopia

76.6004, -10.4068, 45.9609

Deuteranopia

76.5207, 6.1867, 45.0086



Tritanopia

76.6370, 0.6646, -2.5028

Trichromacy



Original Color

76.8331, -29.1322, 45.6072

Protanomaly

76.4189, -17.4417, 45.6673

Deuteranomaly

76.0603, -7.5243, 44.8788

Tritanomaly

75.8484, -13.5337, 23.9455

Monochromacy



Original Color

76.8331, -29.1322, 45.6072

Achromatopsia

70.0729, -3.7389, 3.8072

Achromatomaly

71.8911, -15.7411, 26.3144

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.8331, -29.1322, 45.6072 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(189, 214, 35)` looks like.

```
.text, #text, p{  
    color:rgb(189, 214, 35)  
}
```

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(189, 214, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 214, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 76.8331, -29.1322, 45.6072 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(189, 214, 35) }
```


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

```
.border{ border-color:rgb(189, 214, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 214, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 214, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 214, 35);  
box-shadow:4px 4px 4px 4px rgb(189, 214,  
35) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.8331, -29.1322, 45.6072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 214, 35) }
```

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

```
.background{ background-color: rgb(189,  
214, 35) }
```

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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