

Converting Colors

HunterLab(76.4270, -28.4790,
41.4313)

Have a look what the booklet for
HunterLab(76.4270, -28.4790,
41.4313) contains.

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Color

**HunterLab(76.4270,
-28.4790, 41.4313)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D54B
RGB	185, 213, 75
RGB Percent	73%, 84%, 29%
CMY	0.2745, 0.1647, 0.7059
CMYK	0.13, 0.00, 0.65, 0.16
HSL	72°, 62%, 56%
HSV	72°, 65%, 84%
XYZ	45.0719, 58.4109, 15.5556
YIQ	188.8960, 27.6100, -48.8540

Conversions

Conversions Part 2

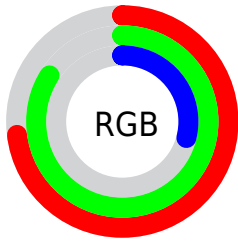
Format	Color
RYB	75, 213, 103
Decimal	12178763
CIELab	80.97, -28.06, 62.63
CIElCh	81, 68.627, 114.131
Yxy	58.4135, 0.3786, 0.4907
Android (android.graphics.Color)	4290368843 (0xFFB9D54B)
YUV	188.8960, -56.1507, -3.4168
Hunter-Lab	76.4270, -28.4790, 41.4313

Details

The HunterLab color **76.4270, -28.4790, 41.4313** 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 **35.6670, 38.2859, -82.0021**, and the grayscale version is **71.5146, -3.8158, 3.8855**.

A 20% lighter version of the original color is **96.1066, -24.9924, 45.7541**, and **53.9759, -23.9751, 32.6507** is the 20% darker color. If you saturate the color by 10%, you get **75.9207, -30.7397, 43.5466**, and if you desaturate by 10%, it is **77.0074, -25.8483, 38.4220**.

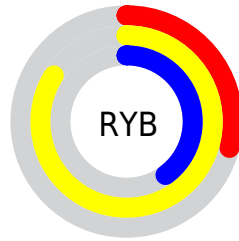
Distribution



Red (73%)

Green (84%)

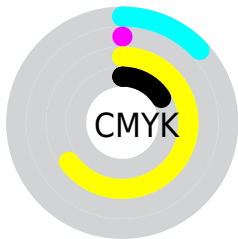
Blue (29%)



Red (29%)

Yellow (84%)

Blue (40%)

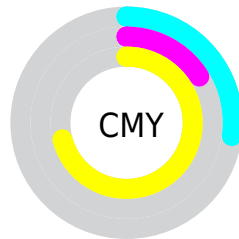


Cyan (13%)

Magenta (0%)

Yellow (65%)

Black (16%)



Cyan (27%)

Magenta (16%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.4270, -28.4790, 41.4313 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 76.4270, -28.4790, 41.4313 by changing the saturation by 10% instead.

■ 76.4270, -28.4790,
41.4313

■ 76.4270, -28.4790,
41.4313

204.6277,
-45.9411, 74.1443

■ 64.9162, -26.3921,
37.1664

■ 101.2545,
-32.5212, 49.4568

■ 54.0480, -24.2392,
32.6963

■ 114.5131,
-34.4909, 53.2618

■ 43.8647, -22.0025,
27.9924

■ 128.3046,
-36.4361, 56.9530

■ 34.4161, -19.6533,
23.1271

■ 142.6093,
-38.3618, 60.5451

■ 25.7643, -17.1474,
18.0350

■ 157.4093,
-40.2721, 64.0505

■ 17.9910, -14.4118,
12.5937

172.6885,

■ 11.2096, -12.1455,

-42.1703, 67.4798

7.8467

188.4324,
-44.0592, 70.8418

■ 3.2738, -5.7292,
2.2917

0.0000, NaN, NaN

■ 76.4270, -28.4790,
41.4313

■ 76.4270, -28.4790,
41.4313

■ 75.9207, -30.7397,
43.5466

■ 77.0074, -25.8483,
38.4220

■ 75.4779, -32.6491,
44.8414

■ 77.6610, -22.8243,
34.4632

■ 75.0932, -34.2469,
45.4200

■ 78.3926, -19.3995,
29.5186

■ 74.9083, -34.9979,
45.5455

■ 79.2046, -15.5702,
23.5661

■ 80.0987, -11.3376,
16.5963

■ 81.0760, -6.7074,
8.6111

■ 82.1372, -1.6888,
-0.3778

■ 83.2822, 3.7058,
-10.3503

■ 84.0495, 7.0048,
-14.8245

Harmonies

Analogous

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



76.4287, 2.5590, 43.2806



76.4270, -28.4790, 41.4313



76.4287, -49.2601, 31.8851

Triad

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



76.4287, -28.4812, 41.4318



76.4287, -38.0217, -63.2715



76.4287, 70.3979, -2.3169

Complementary

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



76.4270, -28.4790, 41.4313



35.6670, 38.2859, -82.0021

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.



76.4287, 54.8697, -40.6898



76.4270, -28.4790, 41.4313



76.4287, -10.5040, -84.3205

Square

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



76.4287, -28.4812, 41.4318



76.4287, -54.0743, -25.0819



76.4287, 23.8227, -74.6560



76.4287, 63.3791, 25.0651

Rectangle

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



76.4270, -28.4790, 41.4313



76.4287, -56.3276, 18.9791



76.4287, 23.8227, -74.6560



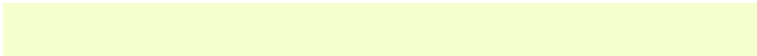
76.4287, 67.5699, -14.3881

Sweetspot

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



76.4287, -28.4812, 41.4318



97.6963, -16.2464, 24.2653



49.2718, 35.2214, 22.9665



45.0534, -8.2044, 12.3543

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.4287, -28.4812, 41.4318



92.8431, -38.6723, 54.1350



72.0000, -45.8681, 38.0808



37.9299, -4.1892, 5.8531



58.5819, -27.2055, 35.6216



14.5013, -6.2398, 8.8264

Inverse Universe

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



35.6670, 38.2859, -82.0021



35.4544, 60.5077, -135.3056



43.0851, 54.9142, -59.1222



34.8265, 0.4338, -2.2602



18.1278, 47.2321, -113.7703



4.8350, 11.9407, -25.2529

Previews

White Background



This preview shows how the HunterLab color 76.4270, -28.4790, 41.4313 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 76.4270, -28.4790, 41.4313 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 76.4270, -28.4790, 41.4313 Background



This preview shows how black text looks on a background with the HunterLab color 76.4270, -28.4790, 41.4313.



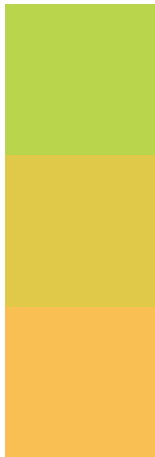
This preview shows how white text looks on a background with the HunterLab color 76.4270, -28.4790, 41.4313.

-28.4790, 41.4313.

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

76.4270, -28.4790, 41.4313

Protanopia

76.2158, -9.7257, 42.0242

Deuteranopia

76.1646, 5.5019, 40.8146



Tritanopia

76.1791, -0.9045, -3.1114

Trichromacy



Original Color

76.4270, -28.4790, 41.4313

Protanomaly

76.0561, -16.6606, 41.6599

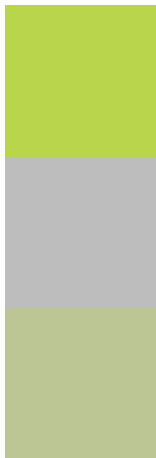
Deuteranomaly

75.8816, -7.6507, 40.8442

Tritanomaly

75.8078, -13.0493, 19.0147

Monochromacy



Original Color

76.4270, -28.4790, 41.4313

Achromatopsia

71.3359, -3.8063, 3.8758

Achromatomaly

72.9504, -14.4261, 21.9285

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.4270, -28.4790, 41.4313 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(185, 213, 75)` looks like.

```
.text, #text, p{  
    color:rgb(185, 213, 75)  
}
```

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(185, 213, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 213, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 76.4270, -28.4790, 41.4313 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(185, 213, 75) }
```


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

```
.border{ border-color:rgb(185, 213, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 213, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 213, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 213, 75);  
box-shadow:4px 4px 4px 4px rgb(185, 213,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.4270, -28.4790, 41.4313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 213, 75) }
```

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

```
.background{ background-color: rgb(185,  
213, 75) }
```

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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