

Converting Colors

HunterLab(83.6388, -16.3171,
51.2522)

Have a look what the booklet for
HunterLab(83.6388, -16.3171,
51.2522) contains.

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Color

**HunterLab(83.4970,
-16.1808, 51.1672)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDD00
RGB	237, 221, 0
RGB Percent	93%, 87%, 0%
CMY	0.0706, 0.1333, 0.9999
CMYK	0.00, 0.07, 1.00, 0.07
HSL	56°, 100%, 46%
HSV	56°, 100%, 93%
XYZ	60.7816, 69.7175, 10.2533
YIQ	200.5900, 80.4770, -65.3390

Conversions

Conversions Part 2

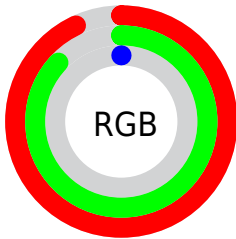
Format	Color
RYB	17, 237, 0
Decimal	15588608
CIELab	86.86, -12.58, 86.35
CIElCh	87, 87.262, 98.292
Yxy	69.7208, 0.4318, 0.4953
Android (android.graphics.Color)	4293778688 (0xFFE000)
YUV	200.5900, -98.8909, 31.9316
Hunter-Lab	83.4970, -16.1808, 51.1672

Details

The HunterLab color **83.4970, -16.1808, 51.1672** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **25.4672, 63.8753, -169.7161**, and the grayscale version is **76.6370, -4.0892, 4.1638**.

A 20% lighter version of the original color is **96.6961, -23.7482, 53.3728**, and **60.4173, -12.5449, 37.0093** is the 20% darker color. If you saturate the color by 10%, you get **83.4983, -16.1833, 51.1680**, and if you desaturate by 10%, it is **84.0442, -16.7359, 50.8954**.

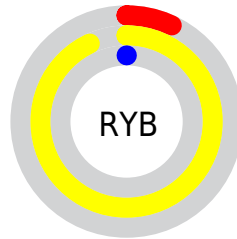
Distribution



Red (93%)

Green (87%)

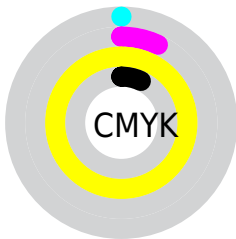
Blue (0%)



Red (7%)

Yellow (93%)

Blue (0%)

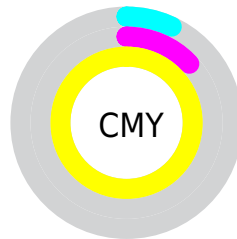


Cyan (0%)

Magenta (7%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.4970, -16.1808, 51.1672 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 83.4970, -16.1808, 51.1672 by changing the saturation by 10% instead.

83.4970, -16.1808,
51.1672

83.4970, -16.1808,
51.1672

214.3756,
-27.7196, 93.9106

71.6233, -14.9309,
45.6162

109.0002,
-18.6951, 61.6742

60.3710, -13.6747,
39.8473

122.5754,
-19.9580, 66.6648

49.7788, -12.4102,
33.8722

136.6715,
-21.2280, 71.5036

39.8907, -11.1298,
27.9235

151.2700,
-22.5064, 76.2063

30.7610, -9.8220,
21.5327

166.3542,
-23.7940, 80.7867

22.4588, -8.4682,
15.7212

181.9088,

15.0768, -7.0357,

-25.0918, 85.2572

10.5538

197.9202,
-26.4001, 89.6286

■ 8.7144, -6.7583,
6.1001

0.0000, NaN, NaN

■ 83.4970, -16.1808,
51.1672

■ 83.4970, -16.1808,
51.1672

■ 83.4983, -16.1833,
51.1680

■ 84.0442, -16.7359,
50.8954

■ 84.6374, -17.0255,
49.9393

■ 85.2922, -16.9760,
48.1005

■ 86.0158, -16.5477,
45.2784

■ 86.8135, -15.7115,
41.4006

■ 87.6894, -14.4468,
36.4169

■ 88.6467, -12.7395,
30.2946

■ 89.6878, -10.5815,
23.0164

■ 90.8142, -7.9699,
14.5782

Harmonies

Analogous

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



83.4990, 28.7857, 49.8263



83.4970, -16.1808, 51.1672



83.4990, -50.2281, 45.9833

Triad

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



83.4990, -16.1840, 51.1678



83.4990, -60.4911, -61.3244



83.4990, 88.3312, -30.5672

Complementary

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



83.4970, -16.1808, 51.1672



25.4672, 63.8753, -169.7161

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.



83.4990, 53.9519, -85.1293



83.4970, -16.1808, 51.1672



83.4990, -33.2007, -108.3280

Square

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



83.4990, -16.1840, 51.1678



83.4990, -72.1572, -7.7641



83.4990, 7.9493, -118.7534



83.4990, 95.4790, 15.2256

Rectangle

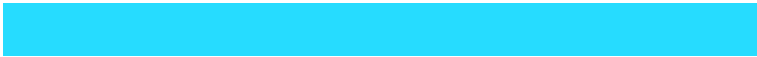
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.4970, -16.1808, 51.1672



83.4990, -64.3704, 36.4831



83.4990, 7.9493, -118.7534



83.4990, 79.2814, -49.0240

Sweetspot

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



83.4990, -16.1840, 51.1678



96.3143, -13.8709, 33.0150



42.4909, 72.8801, 26.5496



44.3508, -6.8068, 16.6445

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.4990, -16.1840, 51.1678



90.7122, -17.5525, 55.5892



81.2365, -52.4953, 49.1379



41.7645, -3.5937, 6.4806



61.7600, -12.0542, 37.8452



17.4574, -3.6064, 10.6940

Inverse Universe

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



25.4672, 63.8753, -169.7161



27.6178, 69.6467, -184.8670



29.5881, 71.3294, -141.0681



38.3563, -0.5156, -2.5319



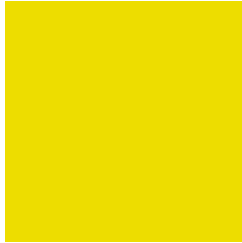
18.9909, 46.4694, -124.0511



5.8360, 11.0309, -31.1070

Previews

White Background



This preview shows how the HunterLab color 83.4970, -16.1808, 51.1672 looks on a white background.

Color Contrast Check

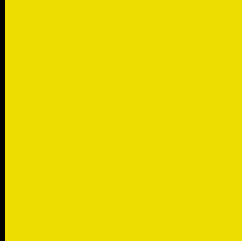
Large Text (above 18pt) WCAG AA × Fail

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 83.4970, -16.1808, 51.1672 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 83.4970, -16.1808, 51.1672 Background



This preview shows how black text looks on a background with the HunterLab color 83.4970, -16.1808, 51.1672.



This preview shows how white text looks on a background with the HunterLab color 83.4970,

-16.1808, 51.1672.

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

83.4970, -16.1808, 51.1672

Protanopia

83.3998, -11.6943, 51.1858

Deuteranopia

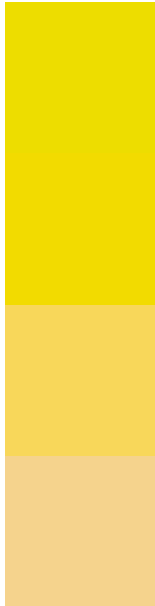
83.5294, 2.0054, 33.6188



Tritanopia

83.1908, 13.8540, 2.7510

Trichromacy



Original Color

83.4970, -16.1808, 51.1672

Protanomaly

83.3908, -13.3296, 51.1517

Deuteranomaly

83.2439, -6.6033, 44.2895

Tritanomaly

82.4161, -1.8065, 32.6244

Monochromacy



Original Color

83.4970, -16.1808, 51.1672

Achromatopsia

76.4250, -4.0778, 4.1523

Achromatomaly

78.0810, -12.7730, 32.3822

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.4970, -16.1808, 51.1672 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(237, 221, 0)` looks like.

```
.text, #text, p{  
    color:rgb(237, 221, 0)  
}
```

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(237, 221, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 221, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 83.4970, -16.1808, 51.1672 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(237, 221, 0) }
```


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

```
.border{ border-color:rgb(237, 221, 0) }
```

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

Here you see how a box with a 4 pixel rgb(237, 221, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 221, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 221, 0);  
box-shadow:4px 4px 4px 4px rgb(237, 221,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.4970, -16.1808, 51.1672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 221, 0) }
```

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

```
.background{ background-color: rgb(237,  
221, 0) }
```

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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