

Converting Colors

HunterLab(83.8639, -24.0373,
52.8025)

Have a look what the booklet for
HunterLab(83.8639, -24.0373,
52.8025) contains.

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Color

**HunterLab(83.8093,
-23.2704, 51.2355)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E200
RGB	224, 226, 0
RGB Percent	88%, 89%, 0%
CMY	0.1216, 0.1137, 0.9999
CMYK	0.01, 0.00, 1.00, 0.11
HSL	61°, 100%, 44%
HSV	61°, 100%, 89%
XYZ	57.9368, 70.2400, 10.5041
YIQ	199.6380, 71.3540, -70.7100

Conversions

Conversions Part 2

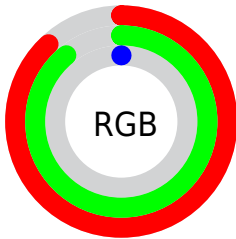
Format	Color
RYB	0, 226, 2
Decimal	14737920
CIELab	87.12, -20.52, 86.06
CIELCh	87, 88.467, 103.410
Yxy	70.2433, 0.4178, 0.5065
Android (android.graphics.Color)	4292928000 (0xFFE0E200)
YUV	199.6380, -98.4215, 21.3655
Hunter-Lab	83.8093, -23.2704, 51.2355

Details

The HunterLab color **83.8093, -23.2704, 51.2355** 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 **23.4631, 63.5772, -166.2581**, and the grayscale version is **76.2318, -4.0675, 4.1418**.

A 20% lighter version of the original color is **96.7048, -23.6986, 53.2437**, and **60.8427, -18.8342, 37.1613** is the 20% darker color. If you saturate the color by 10%, you get **83.8112, -23.2737, 51.2366**, and if you desaturate by 10%, it is **83.8664, -22.9974, 50.7160**.

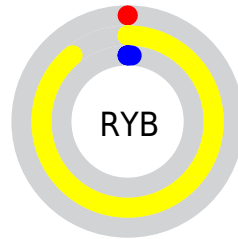
Distribution



Red (88%)

Green (89%)

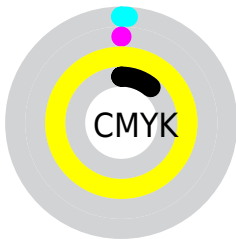
Blue (0%)



Red (0%)

Yellow (89%)

Blue (1%)

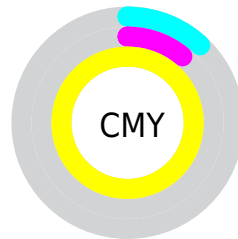


Cyan (1%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (12%)

Magenta (11%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.8093, -23.2704, 51.2355 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 83.8093, -23.2704, 51.2355 by changing the saturation by 10% instead.

83.8093, -23.2704,
51.2355

83.8093, -23.2704,
51.2355

214.8031,
-37.7625, 93.8174

71.9200, -21.6138,
45.7065

109.3415,
-26.5359, 61.7007

60.6513, -19.9257,
39.9596

122.9302,
-28.1491, 66.6717

50.0417, -18.1985,
34.0003

137.0394,
-29.7554, 71.4919

40.1349, -16.4171,
28.0945

151.6506,
-31.3574, 76.1767

30.9850, -14.5593,
21.6895

166.7470,
-32.9574, 80.7401

22.6606, -12.5897,
15.8624


182.3136,

15.2535, -10.4470,


-34.5573, 85.1944


10.6775


198.3365,
-36.1586, 89.5504


 8.8758, -10.5470,
6.2130


0.0000, NaN, NaN


 83.8093, -23.2704,
51.2355


 83.8093, -23.2704,
51.2355

 83.8112, -23.2737,
51.2366

 83.8664, -22.9974,
50.7160

 83.9635, -22.4825,
49.5746

 84.1159, -21.6537,
47.6168

 84.3311, -20.4707,
44.7372

■ 84.6151, -18.9025,
40.8544

■ 84.9727, -16.9249,
35.9057

■ 85.4081, -14.5204,
29.8443

■ 85.9247, -11.6767,
22.6376

■ 86.5252, -8.3867,
14.2666

Harmonies

Analogous

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



83.8113, 21.1698, 50.9229



83.8093, -23.2704, 51.2355



83.8113, -55.2088, 44.5830

Triad

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



83.8113, -23.2733, 51.2360



83.8113, -57.6687, -72.0894



83.8113, 93.4060, -21.9307

Complementary

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



83.8093, -23.2704, 51.2355



23.4631, 63.5772, -166.2581

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.



83.8113, 62.2187, -77.8796



83.8093, -23.2704, 51.2355



83.8113, -27.3673, -115.6292

Square

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



83.8113, -23.2733, 51.2360



83.8113, -72.1097, -16.4153



83.8113, 16.1385, -118.1715



83.8113, 95.1391, 21.2158

Rectangle

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



83.8093, -23.2704, 51.2355



83.8113, -67.6911, 33.2603



83.8113, 16.1385, -118.1715



83.8113, 85.7668, -40.2405

Sweetspot

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



83.8113, -23.2733, 51.2360



97.9213, -16.7142, 34.3836



40.2125, 68.8610, 25.9830



45.2001, -8.3002, 17.3401

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.8113, -23.2733, 51.2360



96.1005, -26.6921, 58.7494



76.0973, -53.3923, 45.9554



40.0288, -3.7893, 6.3706



63.3043, -17.5697, 38.7002



16.6726, -4.6031, 10.1930

Inverse Universe

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



23.4631, 63.5772, -166.2581



26.8972, 72.9044, -190.6950



30.0066, 69.6812, -122.4678



36.3993, -0.1277, -2.6378



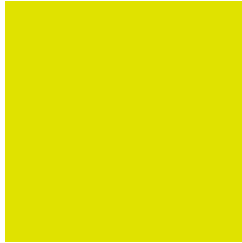
17.7276, 48.0294, -125.5215



4.6895, 12.6610, -32.8617

Previews

White Background



This preview shows how the HunterLab color 83.8093, -23.2704, 51.2355 looks on a white background.

Color Contrast Check

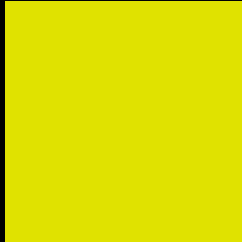
Large Text (above 18pt) WCAG AA × Fail

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 83.8093, -23.2704, 51.2355 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 83.8093, -23.2704, 51.2355 Background



This preview shows how black text looks on a background with the HunterLab color 83.8093, -23.2704, 51.2355.



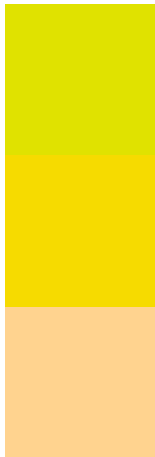
This preview shows how white text looks on a background with the HunterLab color 83.8093, -23.2704, 51.2355.

-23.2704, 51.2355.

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

83.8093, -23.2704, 51.2355

Protanopia

83.8188, -11.7995, 51.4422

Deuteranopia

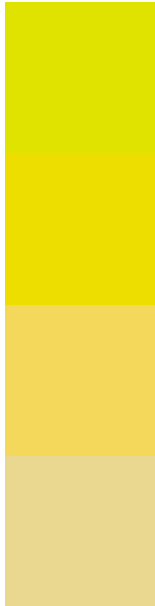
83.5654, 2.1996, 33.0935



Tritanopia

83.6271, 8.1260, 0.6606

Trichromacy



Original Color

83.8093, -23.2704, 51.2355

Protanomaly

83.9164, -16.2889, 51.4238

Deuteranomaly

83.1265, -8.5739, 44.0126

Tritanomaly

82.8358, -8.0823, 32.0160

Monochromacy



Original Color

83.8093, -23.2704, 51.2355

Achromatopsia

75.9987, -4.0551, 4.1292

Achromatomaly

77.9029, -15.0605, 32.4583

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.8093, -23.2704, 51.2355 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(224, 226, 0)` looks like.

```
.text, #text, p{  
    color:rgb(224, 226, 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(224, 226, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 226, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 83.8093, -23.2704, 51.2355 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(224, 226, 0) }
```


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

```
.border{ border-color:rgb(224, 226, 0) }
```

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

Here you see how a box with a 4 pixel rgb(224, 226, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 226, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 226, 0);  
box-shadow:4px 4px 4px 4px rgb(224, 226,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.8093, -23.2704, 51.2355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 226, 0) }
```

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

```
.background{ background-color: rgb(224,  
226, 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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