

Converting Colors

HunterLab(84.1152, -32.4114,
51.2492)

Have a look what the booklet for
HunterLab(84.1152, -32.4114,
51.2492) contains.

HunterLab(84.0801, -32.4167, 51.2220)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(84.0801,
-32.4167, 51.2220)**

Conversions

Conversions Part 1

Format	Color
Hex	CDE801
RGB	205, 232, 1
RGB Percent	80%, 91%, 0%
CMY	0.1961, 0.0902, 0.9960
CMYK	0.12, 0.00, 1.00, 0.09
HSL	67°, 99%, 46%
HSV	67°, 100%, 91%
XYZ	54.0390, 70.6946, 10.8260
YIQ	197.5930, 58.0590, -77.5650

Conversions

Conversions Part 2

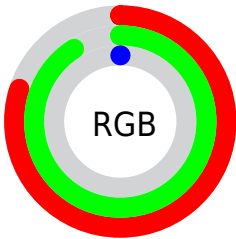
Format	Color
RYB	1, 232, 28
Decimal	13494273
CIELab	87.34, -31.20, 85.51
CIELCh	87, 91.026, 110.047
Yxy	70.6979, 0.3986, 0.5215
Android (android.graphics.Color)	4291684353 (0xFFCDE801)
YUV	197.5930, -96.9203, 6.4959
Hunter-Lab	84.0801, -32.4167, 51.2220

Details

The HunterLab color **84.0801, -32.4167, 51.2220** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed yellow. A complement of this color would be **24.6908, 65.6477, -166.9712**, and the grayscale version is **75.3587, -4.0210, 4.0944**.

A 20% lighter version of the original color is **96.7137, -23.6483, 53.1129**, and **60.9604, -26.5102, 37.0994** is the 20% darker color. If you saturate the color by 10%, you get **84.0705, -32.4660, 51.2355**, and if you desaturate by 10%, it is **84.3515, -31.3177, 50.8123**.

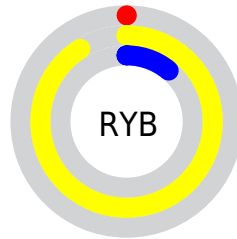
Distribution



Red (80%)

Green (91%)

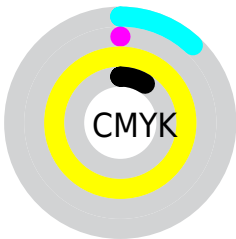
Blue (0%)



Red (0%)

Yellow (91%)

Blue (11%)

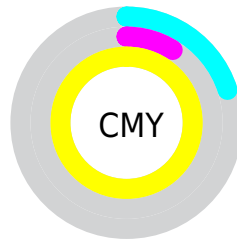


Cyan (12%)

Magenta (0%)

Yellow (100%)

Black (9%)



Cyan (20%)

Magenta (9%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.0801, -32.4167, 51.2220 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 84.0801, -32.4167, 51.2220 by changing the saturation by 10% instead.

84.0801, -32.4167,
51.2220

84.0801, -32.4167,
51.2220

215.1736,
-50.9829, 93.5355

72.1773, -30.1944,
45.7283

109.6373,
-36.7235, 61.6191

60.8944, -27.9041,
40.0170

123.2378,
-38.8211, 66.5580

50.2697, -25.5297,
34.0882

137.3584,
-40.8914, 71.3472

40.3469, -23.0453,
28.2428

151.9805,
-42.9395, 76.0024

31.1794, -20.4127,
21.8256

167.0875,
-44.9695, 80.5374

22.8358, -17.5719,
15.9851

182.6643,

15.4072, -14.4211,

-46.9849, 84.9643

10.7850

198.6972,
-48.9886, 89.2938

■ 9.0131, -15.5668,
6.3092

0.0000, NaN, NaN

■ 84.0801, -32.4167,
51.2220

■ 84.0801, -32.4167,
51.2220

■ 84.0705, -32.4660,
51.2355

■ 84.3515, -31.3177,
50.8123

■ 84.6696, -29.9450,
49.7333

■ 85.0491, -28.2304,
47.7997

■ 85.4973, -26.1362,
44.9087

■ 86.0198, -23.6352,
40.9837

■ 86.6213, -20.7080,
35.9681

■ 87.3052, -17.3424,
29.8224

■ 88.0745, -13.5316,
22.5224

■ 88.9313, -9.2746,
14.0570

Harmonies

Analogous

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



84.0820, 11.1651, 52.2020



84.0801, -32.4167, 51.2220



84.0820, -61.5787, 42.3907

Triad

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



84.0820, -32.4193, 51.2225



84.0820, -53.6042, -87.4355



84.0820, 100.1513, -11.1096

Complementary

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



84.0801, -32.4167, 51.2220



24.6908, 65.6477, -166.9712

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.



84.0820, 73.6017, -68.2914



84.0801, -32.4167, 51.2220



84.0820, -19.0791, -125.5167

Square

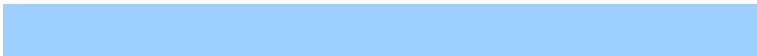
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.0820, -32.4193, 51.2225



84.0820, -71.8856, -29.2279



84.0820, 27.6377, -117.0876



84.0820, 94.4483, 28.3925

Rectangle

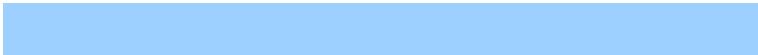
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.0801, -32.4167, 51.2220



84.0820, -71.9177, 28.3049



84.0820, 27.6377, -117.0876



84.0820, 94.5182, -29.0505

Sweetspot

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



84.0820, -32.4193, 51.2225



97.1377, -19.5439, 33.6442



42.4130, 67.6122, 27.2769



44.7869, -9.7985, 16.9636

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.0820, -32.4193, 51.2225



93.5720, -36.1906, 57.0250



77.3764, -59.1911, 46.6200



40.8989, -4.2432, 6.4202



62.6671, -24.0800, 38.1936



17.1067, -6.2749, 10.4312

Inverse Universe

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



24.6908, 65.6477, -166.9712



27.3738, 73.2533, -186.7645



34.2495, 75.4966, -109.7420



37.3731, 0.2149, -2.5791



18.4187, 49.1029, -124.2224



5.2678, 13.5584, -31.7675

Previews

White Background



This preview shows how the HunterLab color 84.0801, -32.4167, 51.2220 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 84.0801, -32.4167, 51.2220 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 84.0801, -32.4167, 51.2220 Background



This preview shows how black text looks on a background with the HunterLab color 84.0801, -32.4167, 51.2220.



This preview shows how white text looks on a background with the HunterLab color 84.0801, -32.4167, 51.2220.

-32.4167, 51.2220.

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

84.0801, -32.4167, 51.2220

Protanopia

83.8188, -11.7995, 51.4422

Deuteranopia

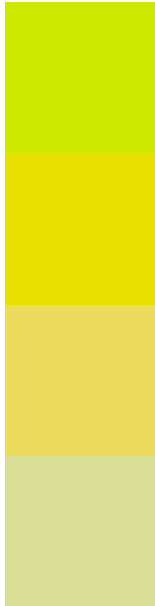
83.8995, 1.8791, 32.8008



Tritanopia

83.9789, 0.5236, -2.6704

Trichromacy



Original Color

84.0801, -32.4167, 51.2220

Protanomaly

83.8452, -19.8227, 51.3180

Deuteranomaly

83.3414, -12.5586, 43.7674

Tritanomaly

83.0731, -16.7454, 30.6027

Monochromacy



Original Color

84.0801, -32.4167, 51.2220

Achromatopsia

75.1473, -4.0097, 4.0829

Achromatomaly

77.4707, -18.2954, 32.3103

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.0801, -32.4167, 51.2220 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(205, 232, 1)` looks like.

```
.text, #text, p{  
    color:rgb(205, 232, 1)  
}
```

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(205, 232, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 232, 1) }
```

Border

The CSS property to change the border of an element to HunterLab 84.0801, -32.4167, 51.2220 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(205, 232, 1) }
```


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

```
.border{ border-color:rgb(205, 232, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 232, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 232, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 232, 1);  
box-shadow:4px 4px 4px 4px rgb(205, 232,  
1) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.0801, -32.4167, 51.2220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 232, 1) }
```

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

```
.background{ background-color: rgb(205,  
232, 1) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor