

Converting Colors

HunterLab(96.3243, 25.2398,
58.3845)

Have a look what the booklet for
HunterLab(96.3243, 25.2398,
58.3845) contains.

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Color

**HunterLab(85.8353, -9.2229,
51.1512)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDE2B
RGB	255, 222, 43
RGB Percent	100%, 87%, 17%
CMY	0.0000, 0.1294, 0.8313
CMYK	0.00, 0.13, 0.83, 0.00
HSL	51°, 100%, 58%
HSV	51°, 83%, 100%
XYZ	67.7973, 73.6770, 12.9332
YIQ	211.4610, 77.1270, -48.6730

Conversions

Conversions Part 2

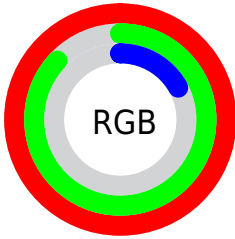
Format	Color
R _Y B	82, 255, 43
Decimal	16768555
CIE Lab	88.77, -4.85, 82.32
CIE LCh	89, 82.466, 93.372
Yxy	73.6805, 0.4391, 0.4772
Android (android.graphics.Color)	4294958635 (0xFFFFDE2B)
YUV	211.4610, -83.0513, 38.1837
Hunter-Lab	85.8353, -9.2229, 51.1512

Details

The HunterLab color **85.8353, -9.2229, 51.1512** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **35.9203, 44.6309, -133.2429**, and the grayscale version is **81.2328, -4.3344, 4.4135**.

A 20% lighter version of the original color is **96.8718, -22.7523, 50.7802**, and **62.5354, -6.4883, 38.4204** is the 20% darker color. If you saturate the color by 10%, you get **84.5367, -7.6798, 51.5700**, and if you desaturate by 10%, it is **87.2140, -10.4034, 49.7853**.

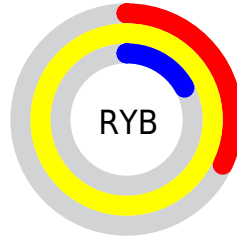
Distribution



Red (100%)

Green (87%)

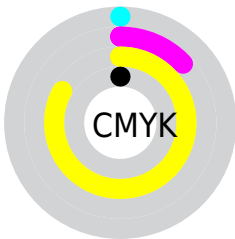
Blue (17%)



Red (32%)

Yellow (100%)

Blue (17%)

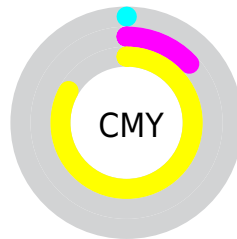


Cyan (0%)

Magenta (13%)

Yellow (83%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.8353, -9.2229, 51.1512 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 85.8353, -9.2229, 51.1512 by changing the saturation by 10% instead.

85.8353, -9.2229,
51.1512

85.8353, -9.2229,
51.1512

217.5707,
-17.9811, 91.8865

73.8462, -8.3539,
45.8687

111.5539,
-11.0324, 61.1460

62.4721, -7.5014,
40.3706

125.2302,
-11.9659, 65.8954

51.7506, -6.6684,
34.6482

139.4237,
-12.9194, 70.5030

41.7241, -5.8540,
29.0315

154.1163,
-13.8929, 74.9841

32.4446, -5.0561,
22.7112

169.2915,
-14.8860, 79.3519

23.9780, -4.2714,
16.7846

184.9346,

16.4113, -3.4930,

-15.8986, 83.6184

11.4879

201.0318,
-16.9304, 87.7935

■ 9.8681, -2.7163,
6.9077

0.0000, NaN, NaN

■ 85.8353, -9.2229,
51.1512

■ 85.8353, -9.2229,
51.1512

■ 84.5367, -7.6798,
51.5700

■ 87.2140, -10.4034,
49.7853

■ 83.6783, -6.4583,
51.4491

■ 88.6739, -11.1664,
47.3631

■ 90.2219, -11.4865,
43.8186

■ 91.8609, -11.3454,
39.1137

■ 93.5929, -10.7331,
33.2320

■ 95.4184, -9.6465,
26.1739

■ 97.3377, -8.0880,
17.9534

■ 99.3500, -6.0642,
8.5951

■ 99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



85.8374, 34.1794, 48.5949



85.8353, -9.2229, 51.1512



85.8374, -44.2086, 46.9592

Triad

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



85.8374, -9.2264, 51.1518



85.8374, -61.5667, -48.4342



85.8374, 79.0087, -36.7775

Complementary

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



85.8353, -9.2229, 51.1512



35.9203, 44.6309, -133.2429

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.



85.8374, 43.8553, -85.9412



85.8353, -9.2229, 51.1512



85.8374, -37.4955, -94.6232

Square

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



85.8374, -9.2264, 51.1518



85.8374, -70.5907, 0.0881



85.8374, 0.1579, -110.8605



85.8374, 90.4576, 9.0169

Rectangle

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



85.8353, -9.2229, 51.1512



85.8374, -59.6855, 38.7386



85.8374, 0.1579, -110.8605



85.8374, 69.2816, -54.0593

Sweetspot

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



85.8374, -9.2264, 51.1518



95.0710, -9.8853, 27.5799



48.5213, 75.0832, 22.3273



43.6854, -4.7606, 13.9333

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.8374, -9.2264, 51.1518



83.6786, -6.4583, 51.4493



90.5129, -47.8742, 53.4378



45.3660, -3.4267, 6.7949



60.6371, -4.9130, 37.2783



19.2459, -2.0596, 11.8231

Inverse Universe

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



35.9203, 44.6309, -133.2429



29.5237, 61.9875, -170.7153



35.3607, 68.4118, -135.6430



42.2304, -1.0700, -2.4268



21.6547, 43.6263, -121.2432



7.6335, 10.6332, -32.4952

Previews

White Background



This preview shows how the HunterLab color 85.8353, -9.2229, 51.1512 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 85.8353, -9.2229, 51.1512 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 85.8353, -9.2229, 51.1512 Background



This preview shows how black text looks on a background with the HunterLab color 85.8353, -9.2229, 51.1512.



This preview shows how white text looks on a background with the HunterLab color 85.8353, -9.2229,

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

85.8353, -9.2229, 51.1512

Protanopia

85.7082, -11.2697, 51.0347

Deuteranopia

85.7288, 1.0851, 29.2042



Tritanopia

85.8340, 12.2128, 4.8815

Trichromacy



Original Color

85.8353, -9.2229, 51.1512

Protanomaly

85.8168, -10.8838, 51.1103

Deuteranomaly

85.5891, -3.9986, 40.5796

Tritanomaly

85.3466, 1.1614, 30.1386

Monochromacy



Original Color

85.8353, -9.2229, 51.1512

Achromatopsia

80.7097, -4.3065, 4.3851

Achromatomaly

81.9352, -9.4406, 29.4434

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.8353, -9.2229, 51.1512 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(255, 222, 43)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 43)  
}
```

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(255, 222, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 85.8353, -9.2229, 51.1512 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(255, 222, 43) }
```


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

```
.border{ border-color:rgb(255, 222, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 43);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
43) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.8353, -9.2229, 51.1512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 43) }
```

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

```
.background{ background-color: rgb(255,  
222, 43) }
```

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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