

Converting Colors

HunterLab(83.8911, -11.3970,
50.3700)

Have a look what the booklet for
HunterLab(83.8911, -11.3970,
50.3700) contains.

HunterLab(83.8911, -11.3970, 50.3700)	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(83.8911,
-11.3970, 50.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	F6DB23
RGB	246, 219, 35
RGB Percent	96%, 86%, 14%
CMY	0.0353, 0.1412, 0.8627
CMYK	0.00, 0.11, 0.86, 0.04
HSL	52°, 92%, 55%
HSV	52°, 86%, 96%
XYZ	63.6409, 70.3772, 11.8200
YIQ	206.0970, 75.1560, -51.5000

Conversions

Conversions Part 2

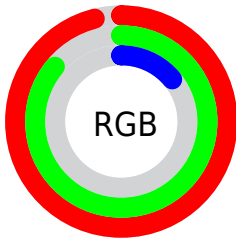
Format	Color
R _Y B	66, 246, 35
Decimal	16177955
CIE Lab	87.18, -7.33, 82.49
CIE LCh	87, 82.816, 95.076
Yxy	70.3805, 0.4364, 0.4826
Android (android.graphics.Color)	4294368035 (0xFFFF6DB23)
YUV	206.0970, -84.3508, 34.9949
Hunter-Lab	83.8911, -11.3970, 50.3700

Details

The HunterLab color **83.8911, -11.3970, 50.3700** 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 **32.3370, 48.5698, -139.0834**, and the grayscale version is **78.9332, -4.2117, 4.2886**.

A 20% lighter version of the original color is **96.8191, -23.0511, 51.5581**, and **61.0119, -8.8704, 37.4400** is the 20% darker color. If you saturate the color by 10%, you get **82.8584, -10.1820, 50.6648**, and if you desaturate by 10%, it is **84.9936, -12.2847, 49.2130**.

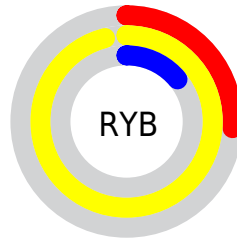
Distribution



Red (96%)

Green (86%)

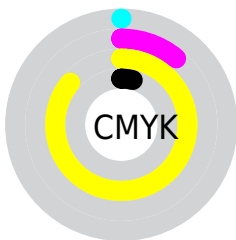
Blue (14%)



Red (26%)

Yellow (96%)

Blue (14%)

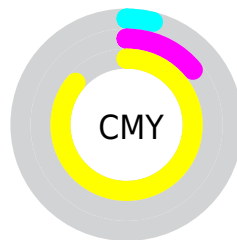


Cyan (0%)

Magenta (11%)

Yellow (86%)

Black (4%)



Cyan (4%)

Magenta (14%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.8911, -11.3970, 50.3700 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 83.8911, -11.3970, 50.3700 by changing the saturation by 10% instead.

83.8911, -11.3970,
50.3700

83.8911, -11.3970,
50.3700

214.9151,
-21.0201, 91.3603

71.9978, -10.4095,
45.0448

109.4309,
-13.4257, 60.4403

60.7248, -9.4315,
39.5017

123.0232,
-14.4615, 65.2225

50.1106, -8.4644,
33.7347

137.1358,
-15.5135, 69.8601

40.1990, -7.5052,
28.1393

151.7503,
-16.5818, 74.3686

31.0438, -6.5489,
21.7306

166.8499,
-17.6666, 78.7616

22.7135, -5.5873,
15.8995

182.4196,

15.2999, -4.6057,

-18.7679, 83.0511

10.7100

198.4455,
-19.8857, 87.2476

■ 8.9175, -4.0568,
6.2423

0.0000, NaN, NaN

■ 83.8911, -11.3970,
50.3700

■ 83.8911, -11.3970,
50.3700

■ 82.8584, -10.1820,
50.6648

■ 84.9936, -12.2847,
49.2130

■ 82.4338, -9.6031,
50.6272

■ 86.1680, -12.7868,
47.0715

■ 87.4222, -12.8740,
43.8678

■ 88.7598, -12.5243,
39.5520

■ 90.1836, -11.7241,
34.0960

■ 91.6952, -10.4666,
27.4890

■ 93.2953, -8.7504,
19.7345

■ 94.9842, -6.5791,
10.8476

■ 96.7144, -4.2172,
1.5226

Harmonies

Analogous

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



83.8931, 31.7233, 48.2757



83.8911, -11.3970, 50.3700



83.8931, -45.4569, 45.8782

Triad

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



83.8931, -11.4004, 50.3706



83.8931, -60.1379, -51.5620



83.8931, 80.4843, -33.9686

Complementary

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



83.8911, -11.3970, 50.3700



32.3370, 48.5698, -139.0834

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.



83.8931, 46.2736, -83.9082



83.8911, -11.3970, 50.3700



83.8931, -35.4266, -97.0548

Square

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



83.8931, -11.4004, 50.3706



83.8931, -69.8969, -2.4049



83.8931, 2.6705, -111.1039



83.8931, 90.3134, 10.9867

Rectangle

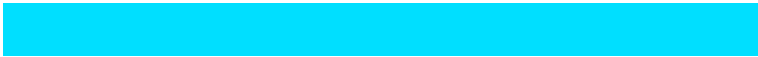
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.8911, -11.3970, 50.3700



83.8931, -60.2249, 37.3521



83.8931, 2.6705, -111.1039



83.8931, 71.1687, -51.2979

Sweetspot

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



83.8931, -11.4004, 50.3706



95.4716, -10.9463, 28.8448



45.9954, 72.8323, 23.5285



43.9123, -5.2975, 14.5075

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.8931, -11.4004, 50.3706



85.8505, -9.9726, 52.7261



86.2712, -48.4668, 51.2181



43.5093, -3.4304, 6.5855



60.3463, -7.2089, 37.0589



18.1649, -2.5720, 11.1481

Inverse Universe

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



32.3370, 48.5698, -139.0834



28.7870, 64.8536, -175.9814



33.6537, 68.2192, -131.6738



40.3340, -0.8732, -2.4188



20.4871, 44.3203, -121.2818



6.8922, 10.2583, -30.7594

Previews

White Background



This preview shows how the HunterLab color 83.8911, -11.3970, 50.3700 looks on a white background.

Color Contrast Check

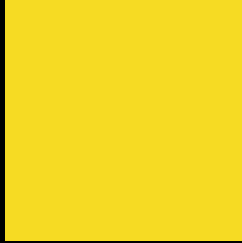
Large Text (above 18pt) WCAG AA × Fail

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 83.8911, -11.3970, 50.3700 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 83.8911, -11.3970, 50.3700 Background



This preview shows how black text looks on a background with the HunterLab color 83.8911, -11.3970, 50.3700.



This preview shows how white text looks on a background with the HunterLab color 83.8911, -11.3970, 50.3700.

-11.3970, 50.3700.

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

83.8911, -11.3970, 50.3700

Protanopia

83.8911, -11.3970, 50.3700

Deuteranopia

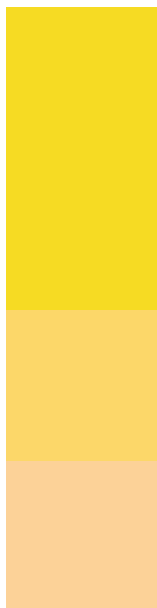
83.8995, 1.8791, 32.8008



Tritanopia

83.6882, 15.3435, 4.3572

Trichromacy



Original Color

83.8911, -11.3970, 50.3700

Protanomaly

83.8911, -11.3970, 50.3700

Deuteranomaly

83.8548, -4.1347, 42.1490

Tritanomaly

83.0997, 2.4861, 30.0547

Monochromacy



Original Color

83.8911, -11.3970, 50.3700

Achromatopsia

78.5625, -4.1919, 4.2684

Achromatomaly

79.9839, -10.2051, 29.5481

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.8911, -11.3970, 50.3700 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(246, 219, 35)` looks like.

```
.text, #text, p{  
    color:rgb(246, 219, 35)  
}
```

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(246, 219, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 219, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 83.8911, -11.3970, 50.3700 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(246, 219, 35) }
```


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

```
.border{ border-color:rgb(246, 219, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 219, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 219, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 219, 35);  
box-shadow:4px 4px 4px 4px rgb(246, 219,  
35) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.8911, -11.3970, 50.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 219, 35) }
```

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

```
.background{ background-color: rgb(246,  
219, 35) }
```

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