

Converting Colors

HunterLab(84.2413, -9.6415,
49.2311)

Have a look what the booklet for
HunterLab(84.2413, -9.6415,
49.2311) contains.

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Color

**HunterLab(84.3081, -9.7327,
49.2380)**

Conversions

Conversions Part 1

Format	Color
Hex	F9DB37
RGB	249, 219, 55
RGB Percent	98%, 86%, 22%
CMY	0.0235, 0.1412, 0.7843
CMYK	0.00, 0.12, 0.78, 0.02
HSL	51°, 94%, 60%
HSV	51°, 78%, 98%
XYZ	65.0880, 71.0786, 13.9035
YIQ	209.2740, 70.5240, -44.6440

Conversions

Conversions Part 2

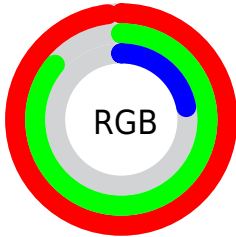
Format	Color
R _Y B	90, 249, 55
Decimal	16374583
CIE Lab	87.52, -5.51, 77.77
CIE LCh	88, 77.970, 94.052
Yxy	71.0820, 0.4337, 0.4736
Android (android.graphics.Color)	4294564663 (0xFFFF9DB37)
YUV	209.2740, -76.0571, 34.8397
Hunter-Lab	84.3081, -9.7327, 49.2380

Details

The HunterLab color **84.3081, -9.7327, 49.2380** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **37.6149, 38.2092, -117.4182**, and the grayscale version is **80.2642, -4.2827, 4.3609**.

A 20% lighter version of the original color is **96.9628, -22.2379, 49.4408**, and **61.0265, -7.3052, 37.4763** is the 20% darker color. If you saturate the color by 10%, you get **83.0149, -8.4304, 50.1234**, and if you desaturate by 10%, it is **85.6831, -10.6580, 47.3718**.

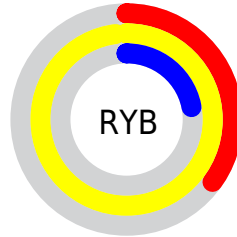
Distribution



Red (98%)

Green (86%)

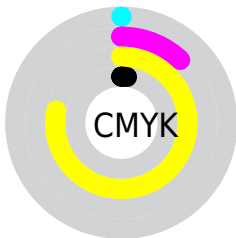
Blue (22%)



Red (35%)

Yellow (98%)

Blue (22%)

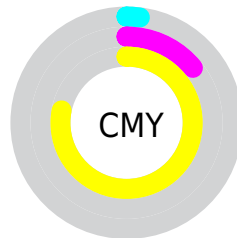


Cyan (0%)

Magenta (12%)

Yellow (78%)

Black (2%)



Cyan (2%)

Magenta (14%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.3081, -9.7327, 49.2380 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 84.3081, -9.7327, 49.2380 by changing the saturation by 10% instead.

84.3081, -9.7327,
49.2380

84.3081, -9.7327,
49.2380

215.4855,
-18.7054, 88.0938

72.3941, -8.8339,
44.1923

109.8865,
-11.5968, 58.7726

61.0993, -7.9499,
38.9320

123.4969,
-12.5557, 63.3008

50.4619, -7.0830,
33.4429

137.6270,
-13.5337, 67.6936

40.5255, -6.2318,
27.9419

152.2583,
-14.5307, 71.9662

31.3434, -5.3934,
21.9404

167.3742,
-15.5465, 76.1318

22.9836, -4.5630,
16.0885

182.9597,

15.5368, -3.7313,

-16.5810, 80.2018

10.8758

199.0010,
-17.6341, 84.1863

■ 9.1271, -3.1178,
6.3890

0.0000, NaN, NaN

■ 84.3081, -9.7327,
49.2380

■ 84.3081, -9.7327,
49.2380

■ 83.0149, -8.4304,
50.1234

■ 85.6831, -10.6580,
47.3718

■ 81.7877, -6.7983,
50.1698

■ 87.1395, -11.1618,
44.4417

■ 81.5360, -6.4368,
50.1294

■ 88.6830, -11.2250,
40.3991

■ 90.3159, -10.8344,
35.2187

92.0394, -9.9840,
28.8933

93.8538, -8.6734,
21.4303

95.7589, -6.9073,
12.8489

97.7538, -4.6940,
3.1770

99.0069, -6.5860,
4.2367

Harmonies

Analogous

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



84.3101, 30.8773, 46.8318



84.3081, -9.7327, 49.2380



84.3101, -42.5141, 44.8775

Triad

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



84.3101, -9.7361, 49.2387



84.3101, -58.0670, -45.9153



84.3101, 74.0664, -32.9656

Complementary

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



84.3081, -9.7327, 49.2380



37.6149, 38.2092, -117.4182

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.



84.3101, 41.7235, -78.4759



84.3081, -9.7327, 49.2380



84.3101, -34.8668, -88.0378

Square

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



84.3101, -9.7361, 49.2387



84.3101, -67.0174, -0.6079



84.3101, 0.8608, -102.0640



84.3101, 84.0832, 9.4753

Rectangle

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



84.3081, -9.7327, 49.2380



84.3101, -57.0220, 36.6418



84.3101, 0.8608, -102.0640



84.3101, 65.1883, -48.9389

Sweetspot

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



84.3101, -9.7361, 49.2387



95.4630, -9.6597, 26.0893



48.5451, 70.0949, 20.0389



43.8566, -4.6792, 13.3159

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.3101, -9.7361, 49.2387



84.6286, -7.8237, 51.6143



88.4638, -45.0192, 51.2998



44.3922, -3.3569, 6.6440



59.7980, -4.9438, 36.7607



18.5233, -2.0305, 11.3784

Inverse Universe

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



37.6149, 38.2092, -117.4182



31.6760, 55.2416, -156.5979



36.7996, 62.5186, -120.6247



41.3233, -1.0439, -2.3688



21.3270, 42.9967, -119.4744



7.3789, 10.0777, -30.9779

Previews

White Background



This preview shows how the HunterLab color 84.3081, -9.7327, 49.2380 looks on a white background.

Color Contrast Check

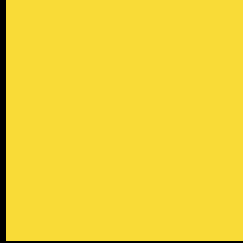
Large Text (above 18pt) WCAG AA × Fail

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 84.3081, -9.7327, 49.2380 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 84.3081, -9.7327, 49.2380 Background



This preview shows how black text looks on a background with the HunterLab color 84.3081, -9.7327, 49.2380.



This preview shows how white text looks on a background with the HunterLab color 84.3081, -9.7327,

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

84.3081, -9.7327, 49.2380

Protanopia

84.2942, -11.3778, 49.2002

Deuteranopia

84.2915, 1.8676, 31.6769



Tritanopia

84.2929, 14.4238, 4.5674

Trichromacy



Original Color

84.3081, -9.7327, 49.2380

Protanomaly

84.4017, -10.9954, 49.2764

Deuteranomaly

84.0960, -3.0388, 40.3310

Tritanomaly

83.6715, 3.2233, 28.0479

Monochromacy



Original Color

84.3081, -9.7327, 49.2380

Achromatopsia

79.8497, -4.2606, 4.3384

Achromatomaly

81.0776, -9.1637, 27.7608

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.3081, -9.7327, 49.2380 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(249, 219, 55)` looks like.

```
.text, #text, p{  
    color:rgb(249, 219, 55)  
}
```

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(249, 219, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 219, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 84.3081, -9.7327, 49.2380 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(249, 219, 55) }
```


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

```
.border{ border-color:rgb(249, 219, 55) }
```

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

Here you see how a box with a 4 pixel rgb(249, 219, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 219, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 219, 55);  
box-shadow:4px 4px 4px 4px rgb(249, 219,  
55) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.3081, -9.7327, 49.2380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 219, 55) }
```

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

```
.background{ background-color: rgb(249,  
219, 55) }
```

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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