

Converting Colors

HunterLab(87.3518, -20.5445,
40.4729)

Have a look what the booklet for
HunterLab(87.3518, -20.5445,
40.4729) contains.

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Color

**HunterLab(87.3081,
-20.3640, 40.4929)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E97C
RGB	228, 233, 124
RGB Percent	89%, 91%, 49%
CMY	0.1059, 0.0863, 0.5137
CMYK	0.02, 0.00, 0.47, 0.09
HSL	63°, 71%, 70%
HSV	63°, 47%, 91%
XYZ	64.7719, 76.2270, 30.3683
YIQ	219.0790, 32.0090, -34.9590

Conversions

Conversions Part 2

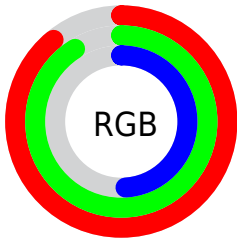
Format	Color
RYB	124, 233, 129
Decimal	15001980
CIELab	89.97, -16.75, 52.03
CIELCh	90, 54.655, 107.843
Yxy	76.2305, 0.3780, 0.4448
Android (android.graphics.Color)	4293192060 (0xFFE4E97C)
YUV	219.0790, -46.8739, 7.8237
Hunter-Lab	87.3081, -20.3640, 40.4929

Details

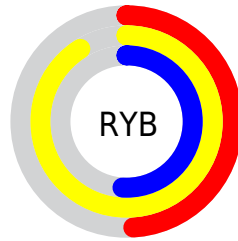
The HunterLab color $87.3081, -20.3640, 40.4929$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $49.9675, 23.1974, -60.2833$, and the grayscale version is $84.3878, -4.5027, 4.5850$.

A 20% lighter version of the original color is $97.9973, -16.4206, 34.2953$, and $63.6845, -17.1196, 33.3925$ is the 20% darker color. If you saturate the color by 10%, you get $86.9106, -22.4320, 44.8141$, and if you desaturate by 10%, it is $87.7878, -17.8716, 35.0540$.

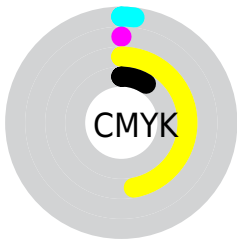
Distribution



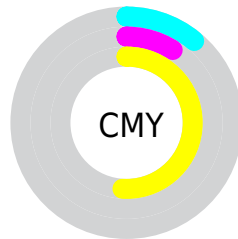
- Red (89%)
- Green (91%)
- Blue (49%)



- Red (49%)
- Yellow (91%)
- Blue (51%)



- Cyan (2%)
- Magenta (0%)
- Yellow (47%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.3081, -20.3640, 40.4929 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 87.3081, -20.3640, 40.4929 by changing the saturation by 10% instead.

87.3081, -20.3640,
40.4929

87.3081, -20.3640,
40.4929

219.5761,
-33.4489, 67.8677

75.2473, -18.9054,
37.0207

113.1604,
-23.2664, 47.0867

63.7977, -17.4298,
33.4004

126.8995,
-24.7119, 50.2412

52.9961, -15.9327,
29.6040

141.1535,
-26.1577, 53.3189

42.8841, -14.4038,
25.5970

155.9046,
-27.6060, 56.3301

33.5122, -12.8281,
21.3412

171.1365,
-29.0581, 59.2838

24.9443, -11.1821,
17.4610

186.8345,

17.2646, -9.4261,

-30.5153, 62.1873

12.0852

202.9851,
-31.9786, 65.0468

■ 10.5908, -7.7494,
7.4135

0.0000, NaN, NaN

■ 87.3081, -20.3640,
40.4929

■ 87.3081, -20.3640,
40.4929

■ 86.9106, -22.4320,
44.8141

■ 87.7878, -17.8716,
35.0540

■ 86.5845, -24.0882,
48.0723


■ 88.3474, -14.9319,
28.4541


■ 86.3263, -25.3638,
50.3442


■ 88.9921, -11.5386,
20.6677


■ 86.1287, -26.2960,
51.7288


■ 89.7243, -7.6879,
11.6816

 85.9826, -26.9366,
52.3620

 90.5458, -3.3806,
1.4951

 85.9413, -27.1101,
52.4820

 91.1400, -0.3440,
-5.3919

 91.2398, -0.0018,
-5.2570

 91.3402, 0.3417,
-5.1216

 91.4410, 0.6865,
-4.9858

Harmonies

Analogous

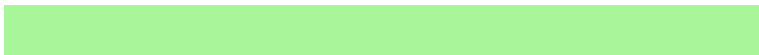
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3101, 6.8195, 41.1510



87.3081, -20.3640, 40.4929



87.3101, -40.6895, 32.3426

Triad

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



87.3101, -20.3667, 40.4937



87.3101, -37.5633, -41.6766



87.3101, 53.6376, -6.5853

Complementary

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



87.3081, -20.3640, 40.4929



49.9675, 23.1974, -60.2833

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.



87.3101, 38.3562, -36.4706



87.3081, -20.3640, 40.4929



87.3101, -15.5818, -60.5684

Square

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



87.3101, -20.3667, 40.4937



87.3101, -49.7344, -12.2112



87.3101, 12.2349, -58.4118



87.3101, 51.9389, 18.8748

Rectangle

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



87.3081, -20.3640, 40.4929



87.3101, -48.6557, 21.7587



87.3101, 12.2349, -58.4118



87.3101, 50.2449, -16.5585

Sweetspot

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



87.3101, -20.3667, 40.4937



98.7930, -11.6753, 20.3267



58.4155, 35.0238, 17.2532



45.6281, -5.8123, 10.3576

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.3101, -20.3667, 40.4937



96.2972, -24.7449, 49.4305



82.9672, -36.6967, 36.8539



41.9400, -4.1079, 6.6601



64.7473, -20.3762, 39.5403



18.1736, -5.5976, 11.1005

Inverse Universe

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



49.9675, 23.1974, -60.2833



47.7047, 34.1613, -87.5902



55.0105, 37.5516, -48.5383



38.1863, -0.0038, -2.7442



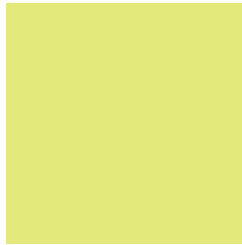
18.4171, 49.6651, -128.6031



5.2726, 14.0009, -35.1308

Previews

White Background



This preview shows how the HunterLab color 87.3081, -20.3640, 40.4929 looks on a white background.

Color Contrast Check

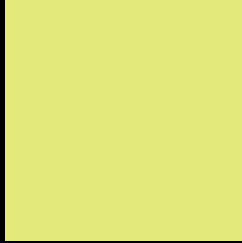
Large Text (above 18pt) WCAG AA × Fail

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 87.3081, -20.3640, 40.4929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

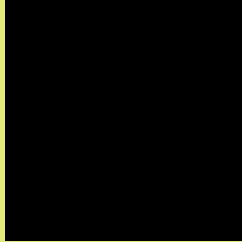
Any Text WCAG AA ✓ Pass

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 87.3081, -20.3640, 40.4929 Background



This preview shows how black text looks on a background with the HunterLab color 87.3081, -20.3640, 40.4929.



This preview shows how white text looks on a background with the HunterLab color 87.3081,

-20.3640, 40.4929.

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

87.3081, -20.3640, 40.4929

Protanopia

87.1422, -9.5710, 41.0016

Deuteranopia

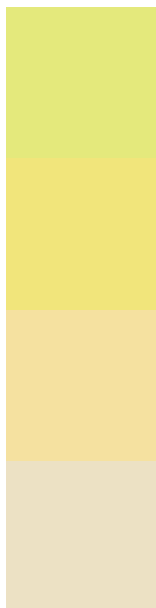
87.0297, 1.6713, 24.2397



Tritanopia

87.0782, 5.0737, -0.8068

Trichromacy



Original Color

87.3081, -20.3640, 40.4929

Protanomaly

87.2751, -13.9197, 40.8046

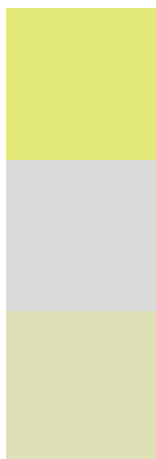
Deuteranomaly

87.0638, -6.9464, 30.8783

Tritanomaly

86.9878, -5.5487, 17.9086

Monochromacy



Original Color

87.3081, -20.3640, 40.4929

Achromatopsia

84.1651, -4.4908, 4.5728

Achromatomaly

85.0303, -11.4458, 20.5751

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.3081, -20.3640, 40.4929 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(228, 233, 124)` looks like.

```
.text, #text, p{  
    color:rgb(228, 233, 124)  
}
```

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(228, 233, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 233, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 87.3081, -20.3640, 40.4929 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(228, 233, 124) }
```


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

```
.border{ border-color:rgb(228, 233, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 233, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 233, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 233, 124);  
box-shadow:4px 4px 4px 4px rgb(228, 233,  
124) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.3081, -20.3640, 40.4929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 233, 124) }
```

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

```
.background{ background-color: rgb(228,  
233, 124) }
```

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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