

Converting Colors

HunterLab(80.0411, -50.3610,
34.9171)

Have a look what the booklet for
HunterLab(80.0411, -50.3610,
34.9171) contains.

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Color

**HunterLab(80.0204,
-50.2023, 34.7870)**

Conversions

Conversions Part 1

Format	Color
Hex	75EA7A
RGB	117, 234, 122
RGB Percent	46%, 92%, 48%
CMY	0.5412, 0.0823, 0.5216
CMYK	0.50, 0.00, 0.48, 0.08
HSL	123°, 74%, 69%
HSV	123°, 50%, 92%
XYZ	40.2717, 64.0326, 28.6493
YIQ	186.2490, -33.7800, -59.6360

Conversions

Conversions Part 2

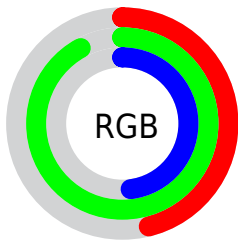
Format	Color
RYB	117, 229, 234
Decimal	7727738
CIELab	83.98, -55.42, 44.23
CIElCh	84, 70.904, 141.410
Yxy	64.0353, 0.3029, 0.4816
Android (android.graphics.Color)	4285917818 (0xFF75EA7A)
YUV	186.2490, -31.6748, -60.7314
Hunter-Lab	80.0204, -50.2023, 34.7870

Details

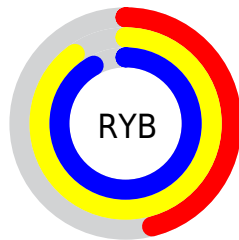
The HunterLab color **80.0204, -50.2023, 34.7870** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **59.8942, 57.4232, -35.4707**, and the grayscale version is **70.3181, -3.7520, 3.8205**.

A 20% lighter version of the original color is **91.5886, -40.4188, 29.1394**, and **57.1583, -42.7251, 28.4623** is the 20% darker color. If you saturate the color by 10%, you get **78.8157, -55.7606, 38.5956**, and if you desaturate by 10%, it is **81.5380, -43.3650, 30.1804**.

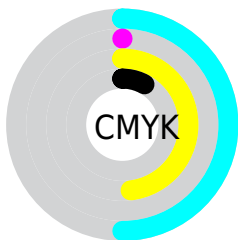
Distribution



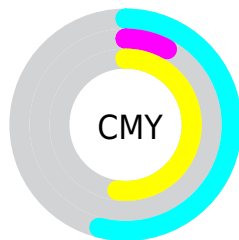
- Red (46%)
- Green (92%)
- Blue (48%)



- Red (46%)
- Yellow (90%)
- Blue (92%)



- Cyan (50%)
- Magenta (0%)
- Yellow (48%)
- Black (8%)



- Cyan (54%)
- Magenta (8%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.0204, -50.2023, 34.7870 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 80.0204, -50.2023, 34.7870 by changing the saturation by 10% instead.

■ 80.0204, -50.2023,
34.7870

■ 80.0204, -50.2023,
34.7870

209.5989,
-78.6172, 59.1494

■ 68.3222, -46.5755,
31.7075

■ 105.1959,
-57.0658, 40.6334

■ 57.2557, -42.7768,
28.4927

■ 118.6175,
-60.3422, 43.4330

■ 46.8611, -38.7649,
25.1125

■ 132.5658,
-63.5362, 46.1673

■ 37.1850, -34.4799,
21.5281

147.0216,
-66.6596, 48.8461

■ 28.2854, -29.8342,
17.6930

161.9677,
-69.7220, 51.4776

■ 20.2369, -24.6934,
14.1659

177.3886,

■ 13.1417, -21.3877,

-72.7315, 54.0683

9.1992

193.2700,
-75.6947, 56.6240

■ 6.6413, -11.6223,
4.6489

0.0000, NaN, NaN

■ 80.0204, -50.2023,
34.7870

■ 80.0204, -50.2023,
34.7870

■ 78.8157, -55.7606,
38.5956

■ 81.5380, -43.3650,
30.1804

■ 77.9079, -60.0176,
41.5838


■ 83.3680, -35.3062,
24.8205


■ 77.2798, -63.0079,
43.7623

■ 85.5110, -26.1207,
18.7729

■ 76.9035, -64.8258,
45.1769

■ 87.9613, -15.9236,
12.1148

 76.7268, -65.6913,
45.9067

 90.7093, -4.8408,
4.9289

 93.4495, 5.9180,
-2.3381

Harmonies

Analogous

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



80.0221, -27.2953, 43.8768



80.0204, -50.2023, 34.7870



80.0221, -60.3373, 13.3039

Triad

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



80.0221, -50.2036, 34.7876



80.0221, -14.0388, -87.7812



80.0221, 68.1541, 24.3059

Complementary

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



80.0204, -50.2023, 34.7870



59.8942, 57.4232, -35.4707

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.



80.0221, 73.3462, -5.7621



80.0204, -50.2023, 34.7870



80.0221, 21.6852, -80.6143

Square

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



80.0221, -50.2036, 34.7876



80.0221, -41.9281, -63.2025



80.0221, 55.1261, -46.4767



80.0221, 41.9582, 39.8785

Rectangle

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



80.0204, -50.2023, 34.7870



80.0221, -59.9351, -9.3083



80.0221, 55.1261, -46.4767



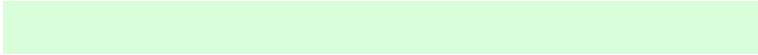
80.0221, 72.5731, 15.9678

Sweetspot

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



80.0221, -50.2036, 34.7876



95.5592, -23.3843, 17.1551



87.7341, -20.6749, 42.3259



43.9490, -11.9091, 8.6493

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.0221, -50.2036, 34.7876



86.8557, -61.6226, 42.6532



81.1795, -43.2535, 17.9609



41.0763, -7.1586, 5.4756



57.5196, -49.2178, 34.3526



16.1297, -13.7201, 9.4572

Inverse Universe

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



59.8942, 57.4232, -35.4707



61.2932, 76.2248, -47.1630



57.6014, 47.0228, -3.6512



39.1178, 3.1185, -1.2555



35.8594, 69.8573, -42.3084



10.0658, 19.6353, -12.0798

Previews

White Background



This preview shows how the HunterLab color 80.0204, -50.2023, 34.7870 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 80.0204, -50.2023, 34.7870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

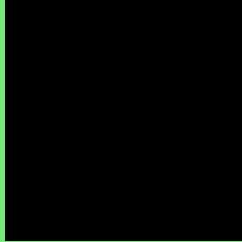
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

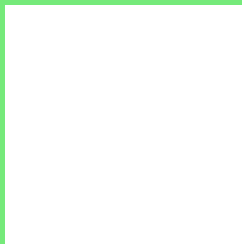
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 80.0204, -50.2023, 34.7870 Background



This preview shows how black text looks on a background with the HunterLab color 80.0204, -50.2023, 34.7870.



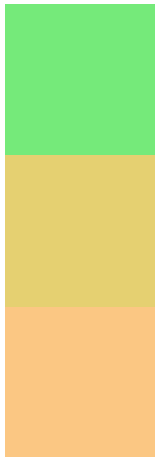
This preview shows how white text looks on a background with the HunterLab color 80.0204,

-50.2023, 34.7870.

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

80.0204, -50.2023, 34.7870

Protanopia

79.3486, -8.7235, 37.0680

Deuteranopia

79.3692, 5.7219, 32.9667



Tritanopia

79.8652, -21.8355, -11.7931

Trichromacy



Original Color

80.0204, -50.2023, 34.7870



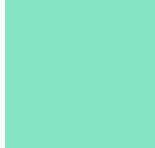
Protanomaly

78.4717, -26.5375, 35.4052



Deuteranomaly

78.2317, -18.7215, 32.4009



Tritanomaly

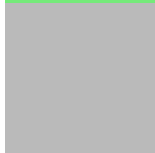
79.6534, -34.0869, 9.6119

Monochromacy



Original Color

80.0204, -50.2023, 34.7870



Achromatopsia

70.0729, -3.7389, 3.8072



Achromatomaly

72.7553, -22.6467, 16.1976

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.0204, -50.2023, 34.7870 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(117, 234, 122)` looks like.

```
.text, #text, p{  
    color:rgb(117, 234, 122)  
}
```

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(117, 234, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 234, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 80.0204, -50.2023, 34.7870 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(117, 234, 122) }
```


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

```
.border{ border-color:rgb(117, 234, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 234, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 234, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 234, 122); box-shadow:4px 4px 4px 4px rgb(117, 234, 122) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.0204, -50.2023, 34.7870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 234, 122) }
```

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

```
.background{ background-color: rgb(117,  
234, 122) }
```

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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