

Converting Colors

HunterLab(81.0641, -38.6708,
30.0573)

Have a look what the booklet for
HunterLab(81.0641, -38.6708,
30.0573) contains.

HunterLab(80.9789, -38.4461, 29.9071)	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(80.9789,
-38.4461, 29.9071)**

Conversions

Conversions Part 1

Format	Color
Hex	9BE690
RGB	155, 230, 144
RGB Percent	61%, 90%, 56%
CMY	0.3922, 0.0980, 0.4353
CMYK	0.33, 0.00, 0.37, 0.10
HSL	112°, 63%, 73%
HSV	112°, 37%, 90%
XYZ	46.8484, 65.5758, 36.5738
YIQ	197.7710, -17.0940, -42.6460

Conversions

Conversions Part 2

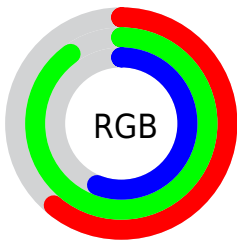
Format	Color
RYB	144, 230, 219
Decimal	10217104
CIELab	84.78, -39.43, 34.73
CIELCh	85, 52.548, 138.628
Yxy	65.5786, 0.3144, 0.4401
Android (android.graphics.Color)	4288407184 (0xFF9BE690)
YUV	197.7710, -26.5091, -37.5102
Hunter-Lab	80.9789, -38.4461, 29.9071

Details

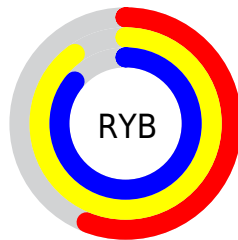
The HunterLab color $80.9789, -38.4461, 29.9071$ is a light color, and the websafe version is hex $99FF99$. A complement of this color would be $63.8137, 37.9001, -29.5740$, and the grayscale version is $75.1657, -4.0107, 4.0839$.

A 20% lighter version of the original color is $94.6787, -27.6440, 24.0200$, and $58.0983, -33.0863, 24.8878$ is the 20% darker color. If you saturate the color by 10%, you get $79.4499, -45.2786, 34.6643$, and if you desaturate by 10%, it is $82.7691, -30.6192, 24.2764$.

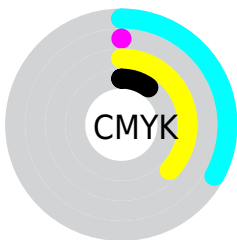
Distribution



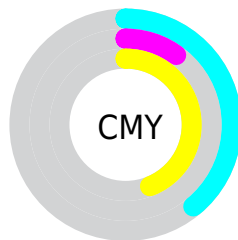
- Red (61%)
- Green (90%)
- Blue (56%)



- Red (56%)
- Yellow (90%)
- Blue (86%)



- Cyan (33%)
- Magenta (0%)
- Yellow (37%)
- Black (10%)



- Cyan (39%)
- Magenta (10%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.9789, -38.4461, 29.9071 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 80.9789, -38.4461, 29.9071 by changing the saturation by 10% instead.

■ 80.9789, -38.4461,
29.9071

■ 80.9789, -38.4461,
29.9071

210.9190,
-60.3161, 50.2182

■ 69.2318, -35.7506,
27.4072

■ 106.2456,
-43.6113, 34.6959

■ 58.1135, -32.9518,
24.8122

■ 119.7099,
-46.1045, 37.0086

■ 47.6637, -30.0240,
22.0983

133.6993,
-48.5518, 39.2796

■ 37.9284, -26.9288,
19.2324

148.1948,
-50.9606, 41.5160

■ 28.9644, -23.6090,
16.1689

163.1793,
-53.3368, 43.7237

■ 20.8449, -19.9743,
13.0016

178.6374,

■ 13.6690, -16.1815,

-55.6854, 45.9074

9.5683

194.5549,
-58.0107, 48.0711

■ 7.2752, -12.7316,
5.0927

0.0000, NaN, NaN

■ 80.9789, -38.4461,
29.9071

■ 80.9789, -38.4461,
29.9071

■ 79.4499, -45.2786,
34.6643

■ 82.7691, -30.6192,
24.2764

■ 78.1761, -51.0526,
38.5140

■ 84.8128, -21.8723,
17.8216

■ 77.1542, -55.7365,
41.4508

■ 87.1060, -12.2981,
10.6088

■ 76.3745, -59.3305,
43.5008

■ 89.6411, -1.9936,
2.7114

■ 75.8214, -61.8742,
44.7286

■ 92.2368, 8.0893,
-3.8365

■ 75.4722, -63.4594,
45.2593

■ 75.4079, -63.7514,
45.3499

Harmonies

Analogous

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



80.9806, -19.6441, 37.7032



80.9789, -38.4461, 29.9071



80.9806, -47.6379, 13.2133

Triad

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



80.9806, -38.4476, 29.9078



80.9806, -13.9236, -57.2388



80.9806, 48.5447, 18.1419

Complementary

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



80.9789, -38.4461, 29.9071



63.8137, 37.9001, -29.5740

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.



80.9806, 50.5811, -5.5126



80.9789, -38.4461, 29.9071



80.9806, 12.2244, -54.6472

Square

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



80.9806, -38.4476, 29.9078



80.9806, -34.7147, -39.8737



80.9806, 36.5903, -33.6236



80.9806, 31.3337, 32.5344

Rectangle

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



80.9789, -38.4461, 29.9071



80.9806, -47.9596, -3.0353



80.9806, 36.5903, -33.6236



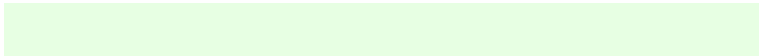
80.9806, 51.1002, 11.2056

Sweetspot

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



80.9806, -38.4476, 29.9078



96.9409, -17.8768, 14.9961



83.2224, -10.7707, 32.2941



44.6855, -8.9534, 7.4529

0.0000, NaN, NaN



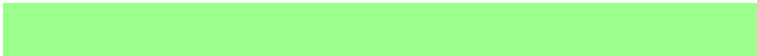
46.2646, -2.4686, 2.5136

Same Dimension

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



80.9806, -38.4476, 29.9078



89.6560, -49.3568, 37.9099



81.0198, -36.9340, 19.3950



40.2207, -6.6573, 5.6446



56.7629, -47.8586, 34.1392



15.5233, -12.6145, 9.3446

Inverse Universe

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



63.8137, 37.9001, -29.5740



66.8069, 52.7803, -41.8727



63.9297, 35.7031, -9.7948



38.1010, 2.6801, -1.5981



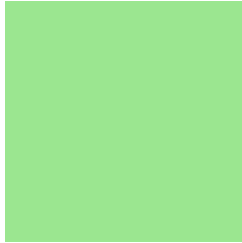
32.0466, 64.9735, -57.5296



8.8608, 17.8718, -15.1840

Previews

White Background



This preview shows how the HunterLab color 80.9789, -38.4461, 29.9071 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 80.9789, -38.4461, 29.9071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

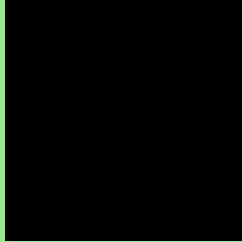
Any Text WCAG AA ✓ Pass

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 80.9789, -38.4461, 29.9071 Background



This preview shows how black text looks on a background with the HunterLab color 80.9789, -38.4461, 29.9071.



This preview shows how white text looks on a background with the HunterLab color 80.9789, -38.4461, 29.9071.

-38.4461, 29.9071.

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

80.9789, -38.4461, 29.9071

Protanopia

80.6375, -8.1856, 32.4190

Deuteranopia

80.4780, 5.6620, 28.4318



Tritanopia

80.8561, -15.0753, -8.6314

Trichromacy



Original Color

80.9789, -38.4461, 29.9071



Protanomaly

80.3514, -20.4572, 31.1304



Deuteranomaly

79.7948, -12.3271, 28.1359



Tritanomaly

80.6762, -24.6169, 7.7588

Monochromacy



Original Color

80.9789, -38.4461, 29.9071



Achromatopsia

75.1473, -4.0097, 4.0829



Achromatomaly

76.9757, -17.8949, 14.6766

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.9789, -38.4461, 29.9071 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(155, 230, 144)` looks like.

```
.text, #text, p{  
    color:rgb(155, 230, 144)  
}
```

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(155, 230, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 230, 144) }
```

Border

The CSS property to change the border of an element to HunterLab 80.9789, -38.4461, 29.9071 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(155, 230, 144) }
```


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

```
.border{ border-color:rgb(155, 230, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 230, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 230, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 230, 144);  
box-shadow:4px 4px 4px 4px rgb(155, 230,  
144) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.9789, -38.4461, 29.9071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 230, 144) }
```

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

```
.background{ background-color: rgb(155,  
230, 144) }
```

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