

Converting Colors

HunterLab(81.6181, -41.8467,
42.7273)

Have a look what the booklet for
HunterLab(81.6181, -41.8467,
42.7273) contains.

HunterLab(81.4414, -41.7680, 42.5720)	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(81.4414,
-41.7680, 42.5720)**

Conversions

Conversions Part 1

Format	Color
Hex	A4E859
RGB	164, 232, 89
RGB Percent	64%, 91%, 35%
CMY	0.3569, 0.0902, 0.6510
CMYK	0.29, 0.00, 0.62, 0.09
HSL	89°, 76%, 63%
HSV	89°, 62%, 91%
XYZ	45.9697, 66.3270, 19.8308
YIQ	195.3660, 5.3750, -58.8890

Conversions

Conversions Part 2

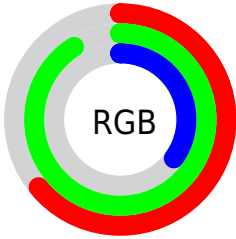
Format	Color
RYB	89, 232, 157
Decimal	10807385
CIELab	85.16, -43.57, 61.05
CIELCh	85, 75.005, 125.515
Yxy	66.3299, 0.3479, 0.5020
Android (android.graphics.Color)	4288997465 (0xFFA4E859)
YUV	195.3660, -52.4384, -27.5080
Hunter-Lab	81.4414, -41.7680, 42.5720

Details

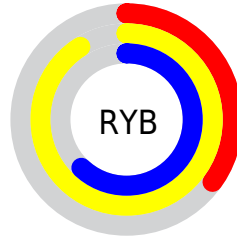
The HunterLab color $81.4414, -41.7680, 42.5720$ is a light color, and the websafe version is hex $CCFF66$. The color can be described as light muted chartreuse. A complement of this color would be $44.8788, 48.9191, -72.3534$, and the grayscale version is $74.2438, -3.9615, 4.0338$.

A 20% lighter version of the original color is $94.3733, -31.0168, 41.0327$, and $58.5408, -35.9043, 34.2000$ is the 20% darker color. If you saturate the color by 10%, you get $80.5457, -45.7362, 45.0594$, and if you desaturate by 10%, it is $82.4671, -37.2165, 39.1002$.

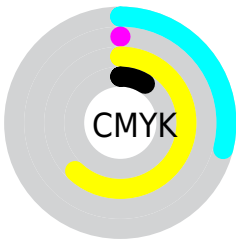
Distribution



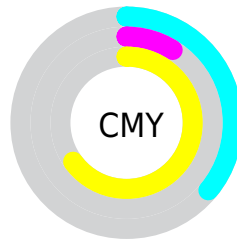
- Red (64%)
- Green (91%)
- Blue (35%)



- Red (35%)
- Yellow (91%)
- Blue (62%)



- Cyan (29%)
- Magenta (0%)
- Yellow (62%)
- Black (9%)





- Cyan (36%)
- Magenta (9%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 81.4414, -41.7680, 42.5720 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 81.4414, -41.7680, 42.5720 by changing the saturation by 10% instead.


 81.4414, -41.7680,
42.5720


 81.4414, -41.7680,
42.5720


211.5552,
-65.2806, 74.2184

 69.6708, -38.8428,
38.4807


 106.7519,
-47.3558, 50.2938


 58.5277, -35.7984,
34.2005


 120.2367,
-50.0449, 53.9652

 48.0516, -32.6060,
29.7018


 134.2459,
-52.6794, 57.5329

 38.2879, -29.2227,
24.9561

 148.7604,
-55.2677, 61.0103

 29.2931, -25.5851,
20.5052

163.7634,
-57.8168, 64.4087

 21.1396, -21.5939,
14.7977


179.2393,

 13.9252, -17.5500,


-60.3323, 67.7375


9.7476


195.1742,
-62.8188, 71.0051


 7.5613, -13.2323,
5.2929


0.0000, NaN, NaN


 81.4414, -41.7680,
42.5720


 81.4414, -41.7680,
42.5720


 80.5457, -45.7362,
45.0594


 82.4671, -37.2165,
39.1002


 79.7700, -49.1262,
46.6233

 83.6207, -32.0783,
34.6065

 79.1087, -51.9670,
47.3612

 84.9055, -26.3673,
29.0766

 78.6319, -53.9814,
47.5076

 86.3219, -20.1040,
22.5139

■ 87.8692, -13.3147,
14.9364

■ 89.5461, -6.0304,
6.3736

■ 91.3502, 1.7151,
-3.1355

■ 92.5641, 6.0707,
-3.4552

■ 92.8418, 7.0024,
-3.0864

Harmonies

Analogous

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



81.4432, -11.0905, 47.1720



81.4414, -41.7680, 42.5720



81.4432, -59.6122, 27.8318

Triad

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



81.4432, -41.7699, 42.5725



81.4432, -31.8443, -84.6036



81.4432, 79.4667, 10.6867

Complementary

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



81.4414, -41.7680, 42.5720



44.8788, 48.9191, -72.3534

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.



81.4432, 71.2280, -28.9854



81.4414, -41.7680, 42.5720



81.4432, 2.6171, -96.1013

Square

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



81.4432, -41.7699, 42.5725



81.4432, -54.6405, -45.6322



81.4432, 41.3478, -72.3545



81.4432, 62.1918, 34.8123

Rectangle

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



81.4414, -41.7680, 42.5720



81.4432, -63.9409, 9.5603



81.4432, 41.3478, -72.3545



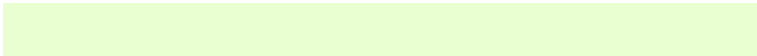
81.4432, 79.6201, -1.0506

Sweetspot

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



81.4432, -41.7699, 42.5725



96.6856, -19.7664, 22.2006



64.4726, 17.0995, 31.3347



44.5038, -10.1451, 11.3684

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



81.4432, -41.7699, 42.5725



89.4116, -52.0117, 50.7358



77.9776, -55.7600, 39.8863



40.5699, -5.4090, 6.0453



58.6510, -39.9552, 35.4410



16.1159, -10.1584, 9.7527

Inverse Universe

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



44.8788, 48.9191, -72.3534



42.6887, 66.3487, -103.9337



54.1680, 69.6179, -48.9702



37.7115, 1.3670, -2.1205



22.7167, 53.1410, -95.6906



6.6055, 14.9305, -23.7804

Previews

White Background



This preview shows how the HunterLab color 81.4414, -41.7680, 42.5720 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 81.4414, -41.7680, 42.5720 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 81.4414, -41.7680, 42.5720 Background



This preview shows how black text looks on a background with the HunterLab color 81.4414, -41.7680, 42.5720.



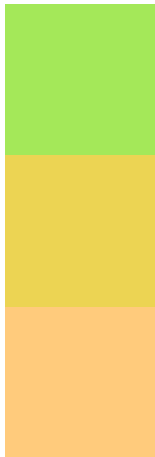
This preview shows how white text looks on a background with the HunterLab color 81.4414, -41.7680, 42.5720.

-41.7680, 42.5720.

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

81.4414, -41.7680, 42.5720

Protanopia

80.9595, -10.0590, 43.7175

Deuteranopia

80.8870, 4.6117, 35.9456



Tritanopia

81.1260, -10.8877, -7.6431

Trichromacy



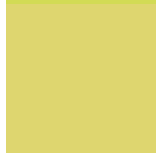
Original Color

81.4414, -41.7680, 42.5720



Protanomaly

80.6353, -22.5708, 42.9727



Deuteranomaly

80.4801, -14.3288, 38.2614



Tritanomaly

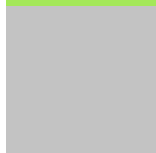
80.6021, -24.3537, 16.6861

Monochromacy



Original Color

81.4414, -41.7680, 42.5720



Achromatopsia

73.8732, -3.9417, 4.0137



Achromatomaly

75.9621, -19.3797, 21.9189

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.4414, -41.7680, 42.5720 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(164, 232, 89)` looks like.

```
.text, #text, p{  
    color:rgb(164, 232, 89)  
}
```

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(164, 232, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 232, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 81.4414, -41.7680, 42.5720 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(164, 232, 89) }
```


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

```
.border{ border-color:rgb(164, 232, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 232, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 232, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 232, 89);  
box-shadow:4px 4px 4px 4px rgb(164, 232,  
89) }
```

Background

The CSS property to change the background color of an element to HunterLab 81.4414, -41.7680, 42.5720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 232, 89) }
```

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

```
.background{ background-color: rgb(164,  
232, 89) }
```

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