

Converting Colors

HunterLab(81.8225, -35.0364,
35.5087)

Have a look what the booklet for
HunterLab(81.8225, -35.0364,
35.5087) contains.

HunterLab(81.9841, -35.1716, 35.6277)	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(81.9841,
-35.1716, 35.6277)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE67E
RGB	175, 230, 126
RGB Percent	69%, 90%, 49%
CMY	0.3137, 0.0980, 0.5059
CMYK	0.24, 0.00, 0.45, 0.10
HSL	92°, 68%, 70%
HSV	92°, 45%, 90%
XYZ	49.7419, 67.2139, 30.0906
YIQ	201.6990, 0.6040, -44.0040

Conversions

Conversions Part 2

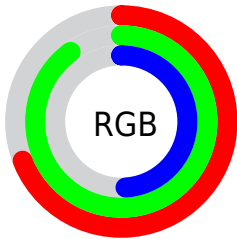
Format	Color
RYB	126, 230, 181
Decimal	11527806
CIELab	85.61, -35.05, 44.92
CIELCh	86, 56.978, 127.966
Yxy	67.2169, 0.3383, 0.4571
Android (android.graphics.Color)	4289717886 (0xFFAFE67E)
YUV	201.6990, -37.3196, -23.4150
Hunter-Lab	81.9841, -35.1716, 35.6277

Details

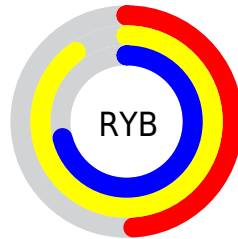
The HunterLab color **81.9841, -35.1716, 35.6277** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **55.1911, 35.3804, -45.7989**, and the grayscale version is **76.8788, -4.1021, 4.1770**.

A 20% lighter version of the original color is **95.9016, -23.9934, 31.9785**, and **58.9573, -30.1557, 29.2861** is the 20% darker color. If you saturate the color by 10%, you get **80.8362, -40.2914, 39.6934**, and if you desaturate by 10%, it is **83.2779, -29.4401, 30.5555**.

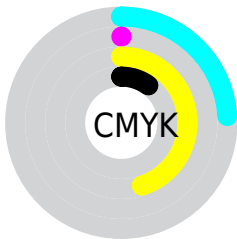
Distribution



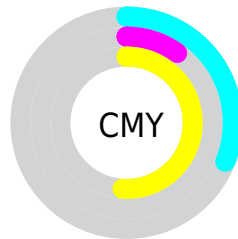
- Red (69%)
- Green (90%)
- Blue (49%)



- Red (49%)
- Yellow (90%)
- Blue (71%)



- Cyan (24%)
- Magenta (0%)
- Yellow (45%)
- Black (10%)





- Cyan (31%)
- Magenta (10%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 81.9841, -35.1716, 35.6277 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 81.9841, -35.1716, 35.6277 by changing the saturation by 10% instead.


 81.9841, -35.1716,
35.6277

 81.9841, -35.1716,
35.6277


212.3008,
-55.2801, 60.2054

 70.1861, -32.7273,
32.5259


 107.3457,
-39.8798, 41.5216

 59.0140, -30.1983,
29.2903


 120.8545,
-42.1623, 44.3454

 48.5069, -27.5636,
25.8918


 134.8867,
-44.4087, 47.1041

 38.7102, -24.7912,
22.2931

149.4236,
-46.6251, 49.8072

 29.6795, -21.8333,
18.4488

164.4481,
-48.8166, 52.4627

 21.4863, -18.6147,
15.0404

179.9449,

 14.2272, -15.0212,

-50.9873, 55.0774

9.9590

195.9001,
-53.1409, 57.6567

■ 7.8831, -13.7954,
5.5182

0.0000, NaN, NaN

■ 81.9841, -35.1716,
35.6277

■ 81.9841, -35.1716,
35.6277

■ 80.8362, -40.2914,
39.6934

■ 83.2779, -29.4401,
30.5555

■ 79.8270, -44.7805,
42.7679


■ 84.7127, -23.1143,
24.4768


■ 78.9547, -48.6389,
44.8931


■ 86.2895, -16.2263,
17.4102

■ 78.2136, -51.8803,
46.1393

■ 88.0065, -8.8114,
9.3863

 77.5951, -54.5384,
46.6170

 89.8611, -0.9085,
0.4457

 77.3351, -55.6448,
46.6794

 91.5263, 5.7087,
-4.7881

 92.2369, 8.0892,
-3.8364

Harmonies

Analogous

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



81.9859, -11.7671, 40.9010



81.9841, -35.1716, 35.6277



81.9859, -48.8753, 21.5685

Triad

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



81.9859, -35.1735, 35.6284



81.9859, -23.7670, -59.2871



81.9859, 56.6068, 11.3014

Complementary

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



81.9841, -35.1716, 35.6277



55.1911, 35.3804, -45.7989

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.



81.9859, 52.2536, -17.3707



81.9841, -35.1716, 35.6277



81.9859, 3.2804, -64.9203

Square

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



81.9859, -35.1735, 35.6284



81.9859, -42.9373, -34.0860



81.9859, 31.7610, -47.5804



81.9859, 42.9581, 30.2991

Rectangle

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



81.9841, -35.1716, 35.6277



81.9859, -51.8828, 6.2748



81.9859, 31.7610, -47.5804



81.9859, 57.2313, 2.6083

Sweetspot

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



81.9859, -35.1735, 35.6284



97.2129, -17.3210, 18.5984



71.3210, 7.0069, 27.6605



44.7892, -8.8216, 9.4572

0.0000, NaN, NaN



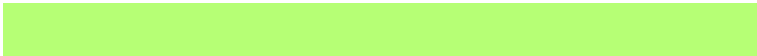
46.2646, -2.4686, 2.5136

Same Dimension

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



81.9859, -35.1735, 35.6284



90.9822, -44.7979, 44.2509



79.1100, -46.4244, 32.6970



40.5220, -5.5794, 5.9906



58.2489, -41.6130, 35.1642



16.0068, -10.6026, 9.6777

Inverse Universe

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



55.1911, 35.3804, -45.7989



55.6562, 49.2128, -65.6280



61.1251, 51.1250, -32.8271



37.7630, 1.5412, -2.0512



23.7395, 54.2791, -90.2744



6.8678, 15.2414, -22.5399

Previews

White Background



This preview shows how the HunterLab color 81.9841, -35.1716, 35.6277 looks on a white background.

Color Contrast Check

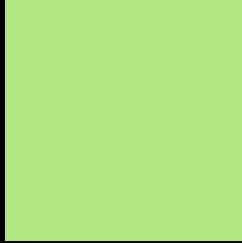
Large Text (above 18pt) WCAG AA × Fail

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 81.9841, -35.1716, 35.6277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

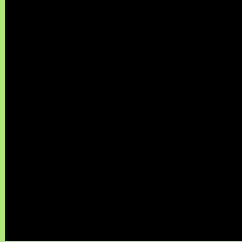
Any Text WCAG AA ✓ Pass

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 81.9841, -35.1716, 35.6277 Background



This preview shows how black text looks on a background with the HunterLab color 81.9841, -35.1716, 35.6277.



This preview shows how white text looks on a background with the HunterLab color 81.9841, -35.1716, 35.6277.

-35.1716, 35.6277.

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

81.9841, -35.1716, 35.6277

Protanopia

81.5089, -8.7996, 37.1459

Deuteranopia

81.4489, 5.5404, 32.2245



Tritanopia

81.9862, -9.4636, -6.4854

Trichromacy



Original Color

81.9841, -35.1716, 35.6277



Protanomaly

81.3722, -18.9333, 36.3939



Deuteranomaly

80.9361, -10.3449, 32.9000



Tritanomaly

81.5457, -20.1689, 12.3562

Monochromacy



Original Color

81.9841, -35.1716, 35.6277



Achromatopsia

76.8517, -4.1006, 4.1755



Achromatomaly

78.3259, -16.4649, 17.6636

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.9841, -35.1716, 35.6277 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(175, 230, 126)` looks like.

```
.text, #text, p{  
    color:rgb(175, 230, 126)  
}
```

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(175, 230, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 230, 126) }
```

Border

The CSS property to change the border of an element to HunterLab 81.9841, -35.1716, 35.6277 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(175, 230, 126) }
```


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

```
.border{ border-color:rgb(175, 230, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 230, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 230, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 230, 126);  
box-shadow:4px 4px 4px 4px rgb(175, 230,  
126) }
```

Background

The CSS property to change the background color of an element to HunterLab 81.9841, -35.1716, 35.6277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 230, 126) }
```

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

```
.background{ background-color: rgb(175,  
230, 126) }
```

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