

Converting Colors

HunterLab(81.1038, -24.6095,
35.5476)

Have a look what the booklet for
HunterLab(81.1038, -24.6095,
35.5476) contains.

HunterLab(81.1418, -24.7184, 35.6330)	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(81.1418,
-24.7184, 35.6330)**

Conversions

Conversions Part 1

Format	Color
Hex	C7DE7C
RGB	199, 222, 124
RGB Percent	78%, 87%, 49%
CMY	0.2196, 0.1294, 0.5137
CMYK	0.10, 0.00, 0.44, 0.13
HSL	74°, 60%, 68%
HSV	74°, 44%, 87%
XYZ	53.3125, 65.8399, 28.9673
YIQ	203.9510, 17.7500, -35.3540

Conversions

Conversions Part 2

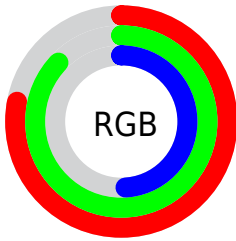
Format	Color
RYB	124, 222, 147
Decimal	13098620
CIELab	84.92, -22.63, 45.36
CIELCh	85, 50.691, 116.513
Yxy	65.8429, 0.3599, 0.4445
Android (android.graphics.Color)	4291288700 (0xFFC7DE7C)
YUV	203.9510, -39.4158, -4.3420
Hunter-Lab	81.1418, -24.7184, 35.6330

Details

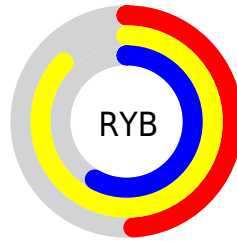
The HunterLab color $81.1418, -24.7184, 35.6330$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $50.8861, 24.6999, -48.7366$, and the grayscale version is $77.8447, -4.1536, 4.2295$.

A 20% lighter version of the original color is $97.9767, -16.5356, 34.5950$, and $58.2623, -21.3335, 29.2884$ is the 20% darker color. If you saturate the color by 10%, you get $80.4004, -28.1283, 39.8180$, and if you desaturate by 10%, it is $81.9722, -20.8832, 30.4159$.

Distribution



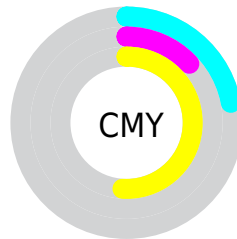
- Red (78%)
- Green (87%)
- Blue (49%)



- Red (49%)
- Yellow (87%)
- Blue (58%)



- Cyan (10%)
- Magenta (0%)
- Yellow (44%)
- Black (13%)





- Cyan (22%)
- Magenta (13%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 81.1418, -24.7184, 35.6330 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 81.1418, -24.7184, 35.6330 by changing the saturation by 10% instead.


 81.1418, -24.7184,
35.6330

 81.1418, -24.7184,
35.6330


211.1432,
-40.0235, 60.4354

 69.3865, -22.9439,
32.4961


 106.4240,
-28.1957, 41.5889

 58.2594, -21.1291,
29.2218


 119.8956,
-29.9065, 44.4403

 47.8004, -19.2632,
25.7804


 133.8919,
-31.6056, 47.2248

 38.0550, -17.3278,
22.1339

148.3942,
-33.2963, 49.9522

 29.0802, -15.2948,
18.2370

163.3852,
-34.9814, 52.6306

 20.9486, -13.1192,
14.6641

178.8496,

 13.7592, -10.7217,

-36.6631, 55.2670

9.6314

194.7732,
-38.3433, 57.8669

■ 7.3774, -12.9104,
5.1641

0.0000, NaN, NaN

■ 81.1418, -24.7184,
35.6330

■ 81.1418, -24.7184,
35.6330

■ 80.4004, -28.1283,
39.8180

■ 81.9722, -20.8832,
30.4159

■ 79.7393, -31.1143,
43.0044

■ 82.8883, -16.6143,
24.1444

■ 79.1562, -33.6940,
45.2470

■ 83.8936, -11.9175,
16.8126

■ 78.6456, -35.8924,
46.6221

■ 84.9889, -6.8011,
8.4255

■ 78.1999, -37.7472,
47.2369

■ 86.1746, -1.2770,
-1.0014

■ 77.9611, -38.7191,
47.3614

■ 87.3687, 4.2004,
-10.2928

■ 87.8689, 5.8848,
-9.5896

■ 88.3810, 7.5995,
-8.8742

■ 88.9048, 9.3437,
-8.1469

Harmonies

Analogous

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



81.1436, -1.3857, 38.1152



81.1418, -24.7184, 35.6330



81.1436, -40.6996, 25.8353

Triad

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



81.1436, -24.7207, 35.6337



81.1436, -29.2186, -43.7974



81.1436, 49.5114, 1.5824

Complementary

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



81.1418, -24.7184, 35.6330



50.8861, 24.6999, -48.7366

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.



81.1436, 39.8344, -25.1230



81.1418, -24.7184, 35.6330



81.1436, -7.2408, -55.8605

Square

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



81.1436, -24.7207, 35.6337



81.1436, -43.0670, -18.7945



81.1436, 18.2881, -48.1616



81.1436, 43.3814, 22.3121

Rectangle

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



81.1418, -24.7184, 35.6330



81.1436, -46.0329, 14.3859



81.1436, 18.2881, -48.1616



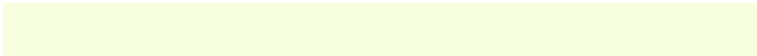
81.1436, 47.9725, -7.0033

Sweetspot

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



81.1436, -24.7207, 35.6337



98.2852, -13.3416, 18.7043



61.4921, 20.6282, 19.8655



45.3448, -6.7631, 9.5991

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



81.1436, -24.7207, 35.6337



94.1297, -32.6348, 46.2686



77.5872, -38.3138, 32.5656



39.8233, -4.5145, 6.1372



60.1271, -29.6674, 36.5307



15.9550, -7.3231, 9.7032

Inverse Universe

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



50.8861, 24.6999, -48.7366



52.2029, 37.2742, -74.6321



56.0435, 39.2784, -37.8932



36.6030, 0.5687, -2.3606



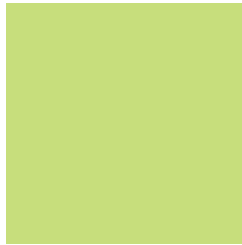
19.0007, 49.0256, -115.5210



5.3931, 13.2619, -27.7243

Previews

White Background



This preview shows how the HunterLab color 81.1418, -24.7184, 35.6330 looks on a white background.

Color Contrast Check

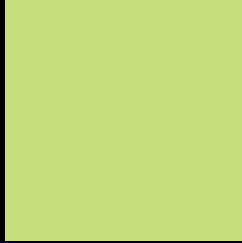
Large Text (above 18pt) WCAG AA × Fail

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 81.1418, -24.7184, 35.6330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

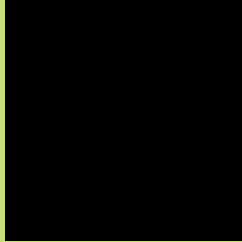
Any Text WCAG AA ✓ Pass

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 81.1418, -24.7184, 35.6330 Background



This preview shows how black text looks on a background with the HunterLab color 81.1418, -24.7184, 35.6330.



This preview shows how white text looks on a background with the HunterLab color 81.1418, -24.7184, 35.6330.

-24.7184, 35.6330.

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

81.1418, -24.7184, 35.6330

Protanopia

80.9931, -9.0365, 36.7416

Deuteranopia

80.7431, 5.9202, 33.5627



Tritanopia

81.0162, -0.6306, -3.2734

Trichromacy



Original Color

81.1418, -24.7184, 35.6330

Protanomaly

81.0604, -15.1881, 36.4522

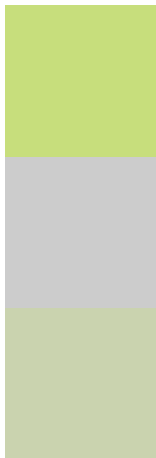
Deuteranomaly

80.5449, -5.5671, 33.9879

Tritanomaly

80.6698, -10.4602, 13.7210

Monochromacy



Original Color

81.1418, -24.7184, 35.6330

Achromatopsia

77.7063, -4.1462, 4.2219

Achromatomaly

78.8925, -12.7396, 17.9100

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.1418, -24.7184, 35.6330 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(199, 222, 124)` looks like.

```
.text, #text, p{  
    color:rgb(199, 222, 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(199, 222, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 222, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 81.1418, -24.7184, 35.6330 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(199, 222, 124) }
```


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

```
.border{ border-color:rgb(199, 222, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 222, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 222, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 222, 124);  
box-shadow:4px 4px 4px 4px rgb(199, 222,  
124) }
```

Background

The CSS property to change the background color of an element to HunterLab 81.1418, -24.7184, 35.6330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 222, 124) }
```

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

```
.background{ background-color: rgb(199,  
222, 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](#).

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