

Converting Colors

HunterLab(74.1507, -41.4595,
31.1111)

Have a look what the booklet for
HunterLab(74.1507, -41.4595,
31.1111) contains.

HunterLab(74.1321, -41.5117, 30.9946)	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(74.1321,
-41.5117, 30.9946)**

Conversions

Conversions Part 1

Format	Color
Hex	7FD877
RGB	127, 216, 119
RGB Percent	50%, 85%, 47%
CMY	0.5020, 0.1529, 0.5333
CMYK	0.41, 0.00, 0.45, 0.15
HSL	115°, 55%, 66%
HSV	115°, 45%, 85%
XYZ	36.6381, 54.9557, 26.1292
YIQ	178.3310, -21.9070, -49.0350

Conversions

Conversions Part 2

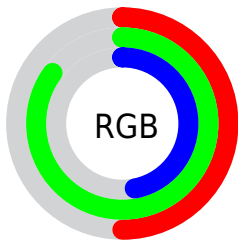
Format	Color
RYB	119, 216, 208
Decimal	8378487
CIELab	79.02, -45.66, 39.54
CIELCh	79, 60.400, 139.114
Yxy	54.9580, 0.3112, 0.4668
Android (android.graphics.Color)	4286568567 (0xFF7FD877)
YUV	178.3310, -29.2502, -45.0173
Hunter-Lab	74.1321, -41.5117, 30.9946

Details

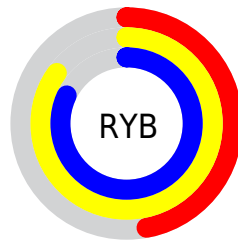
The HunterLab color **74.1321, -41.5117, 30.9946** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **56.1811, 44.6789, -33.1631**, and the grayscale version is **66.9875, -3.5743, 3.6396**.

A 20% lighter version of the original color is **92.0475, -38.7769, 30.5749**, and **51.8638, -34.9623, 25.0943** is the 20% darker color. If you saturate the color by 10%, you get **72.8846, -47.1724, 34.8053**, and if you desaturate by 10%, it is **75.6384, -34.8188, 26.3669**.

Distribution



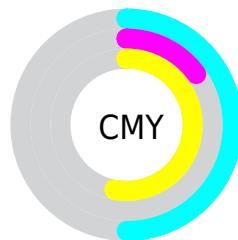
- Red (50%)
- Green (85%)
- Blue (47%)



- Red (47%)
- Yellow (85%)
- Blue (82%)



- Cyan (41%)
- Magenta (0%)
- Yellow (45%)
- Black (15%)





- Cyan (50%)
- Magenta (15%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 74.1321, -41.5117, 30.9946 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 74.1321, -41.5117, 30.9946 by changing the saturation by 10% instead.


 74.1321, -41.5117,
30.9946


 74.1321, -41.5117,
30.9946


201.4330,
-66.1664, 53.5698


 62.7440, -38.3928,
28.1452


 98.7317, -47.4270,
36.4008

 52.0060, -35.1281,
25.1662


 111.8837,
-50.2583, 38.9903

 41.9618, -31.6791,
22.0257


 125.5729,
-53.0241, 41.5210

 32.6632, -27.9884,
18.6814

139.7789,
-55.7344, 44.0024

 24.1757, -23.9685,
15.1237

154.4836,
-58.3976, 46.4421

 16.5857, -19.4778,
11.6100

169.6705,

 10.0154, -17.5269,

-61.0204, 48.8465

7.0108

185.3248,
-63.6084, 51.2209

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.1321, -41.5117,
30.9946

■ 74.1321, -41.5117,
30.9946

■ 72.8846, -47.1724,
34.8053

■ 75.6384, -34.8188,
26.3669

■ 71.8865, -51.7585,
37.7804

■ 77.3990, -27.1547,
20.9600

■ 71.1300, -55.2665,
39.9326

■ 79.4123, -18.6047,
14.8313

■ 70.5997, -57.7322,
41.3086


■ 81.6719, -9.2642,
8.0483


■ 70.2735, -59.2388,


■ 84.1694, 0.7672,

41.9980

0.6839

 70.1717, -59.7079,
42.1942

 86.8946, 11.3908,
-7.1878

 88.0874, 15.7542,
-9.1238

Harmonies

Analogous

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



74.1337, -21.3152, 38.6513



74.1321, -41.5117, 30.9946



74.1337, -51.0731, 13.3525

Triad

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



74.1337, -41.5130, 30.9952



74.1337, -14.1788, -69.0397



74.1337, 56.2864, 19.3604

Complementary

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



74.1321, -41.5117, 30.9946



56.1811, 44.6789, -33.1631

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.



74.1337, 58.9819, -6.6741



74.1321, -41.5117, 30.9946



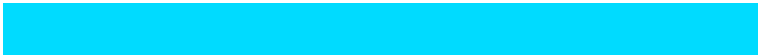
74.1337, 15.1560, -65.4293

Square

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



74.1337, -41.5130, 30.9952



74.1337, -36.9806, -48.1759



74.1337, 42.9750, -39.6484



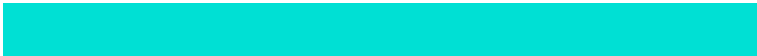
74.1337, 36.0937, 33.9365

Rectangle

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



74.1321, -41.5117, 30.9946



74.1337, -51.2914, -4.8488



74.1337, 42.9750, -39.6484



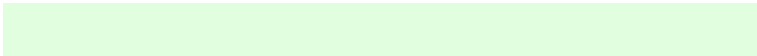
74.1337, 59.3738, 11.9400

Sweetspot

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



74.1337, -41.5130, 30.9952



96.2946, -20.5056, 16.4919



78.1055, -12.8480, 34.6543



44.2824, -10.6081, 8.4398

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



74.1337, -41.5130, 30.9952



88.0065, -56.6766, 41.8365



74.5345, -38.3297, 19.0123



37.3422, -6.2840, 5.1797



54.0030, -45.8599, 32.4735



13.3281, -10.9841, 8.0204

Inverse Universe

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



56.1811, 44.6789, -33.1631



62.5959, 66.2081, -49.8809



55.5987, 39.8326, -8.6162



35.4658, 2.5958, -1.4008



31.7471, 63.6112, -51.1379



7.8970, 15.7652, -12.2710

Previews

White Background



This preview shows how the HunterLab color 74.1321, -41.5117, 30.9946 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 74.1321, -41.5117, 30.9946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

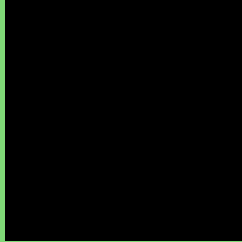
Any Text WCAG AA ✓ Pass

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 74.1321, -41.5117, 30.9946 Background



This preview shows how black text looks on a background with the HunterLab color 74.1321, -41.5117, 30.9946.



This preview shows how white text looks on a background with the HunterLab color 74.1321,

-41.5117, 30.9946.

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

74.1321, -41.5117, 30.9946

Protanopia

73.7048, -8.3164, 33.1733

Deuteranopia

73.5640, 5.3406, 29.5146



Tritanopia

73.8981, -16.5747, -9.6386

Trichromacy



Original Color

74.1321, -41.5117, 30.9946



Protanomaly

73.3975, -22.2061, 31.9787



Deuteranomaly

72.7768, -14.4196, 29.3261



Tritanomaly

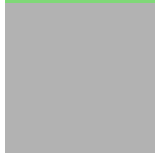
73.5853, -26.8370, 8.3352

Monochromacy



Original Color

74.1321, -41.5117, 30.9946



Achromatopsia

66.7234, -3.5602, 3.6252



Achromatomaly

68.9235, -19.0082, 14.6978

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.1321, -41.5117, 30.9946 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(127, 216, 119)` looks like.

```
.text, #text, p{  
    color:rgb(127, 216, 119)  
}
```

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(127, 216, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 216, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 74.1321, -41.5117, 30.9946 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(127, 216, 119) }
```


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

```
.border{ border-color:rgb(127, 216, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 216, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 216, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 216, 119);  
box-shadow:4px 4px 4px 4px rgb(127, 216,  
119) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.1321, -41.5117, 30.9946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 216, 119) }
```

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

```
.background{ background-color: rgb(127,  
216, 119) }
```

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