

Converting Colors

HunterLab(75.1674, -47.9224,
44.2246)

Have a look what the booklet for
HunterLab(75.1674, -47.9224,
44.2246) contains.

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Color

**HunterLab(75.1674,
-47.9224, 44.2246)**

Conversions

Conversions Part 1

Format	Color
Hex	81DD23
RGB	129, 221, 35
RGB Percent	51%, 87%, 14%
CMY	0.4941, 0.1333, 0.8627
CMYK	0.42, 0.00, 0.84, 0.13
HSL	90°, 73%, 50%
HSV	90°, 84%, 87%
XYZ	35.2131, 56.5014, 10.6400
YIQ	172.2880, 4.8740, -77.3500

Conversions

Conversions Part 2

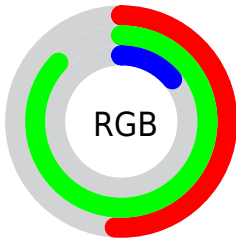
Format	Color
RYB	35, 221, 127
Decimal	8510755
CIELab	79.90, -54.25, 73.22
CIELCh	80, 91.126, 126.535
Yxy	56.5038, 0.3440, 0.5520
Android (android.graphics.Color)	4286700835 (0xFF81DD23)
YUV	172.2880, -67.6830, -37.9636
Hunter-Lab	75.1674, -47.9224, 44.2246

Details

The HunterLab color $75.1674, -47.9224, 44.2246$ is a dark color, and the websafe version is hex $66CC00$. The color can be described as dark washed chartreuse. A complement of this color would be $33.0705, 63.0738, -101.1653$, and the grayscale version is $64.6207, -3.4480, 3.5110$.

A 20% lighter version of the original color is $91.1659, -44.5074, 47.7198$, and $53.0464, -39.5332, 31.9949$ is the 20% darker color. If you saturate the color by 10%, you get $74.5657, -50.5108, 44.7624$, and if you desaturate by 10%, it is $75.8824, -44.8108, 42.9380$.

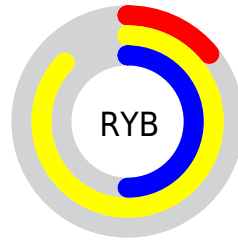
Distribution



Red (51%)

Green (87%)

Blue (14%)



Red (14%)

Yellow (87%)

Blue (50%)

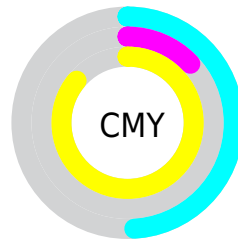


Cyan (42%)

Magenta (0%)

Yellow (84%)

Black (13%)



Cyan (49%)


Magenta (13%)


Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 75.1674, -47.9224, 44.2246 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 75.1674, -47.9224, 44.2246 by changing the saturation by 10% instead.


 75.1674, -47.9224,
44.2246


 75.1674, -47.9224,
44.2246


202.8762,
-76.1173, 81.8577


 63.7236, -44.3015,
39.2891


 99.8703, -54.7554,
53.5113


 52.9265, -40.4981,
34.1285


 113.0707,
-58.0101, 57.9064

 42.8192, -36.4663,
28.7329


 126.8063,
-61.1797, 62.1623

 33.4524, -32.1380,
23.4167

 141.0570,
-64.2767, 66.2955

 24.8902, -27.4120,
17.4231

 155.8048,
-67.3113, 70.3202

 17.2167, -22.1499,
12.0517

 171.0336,

 10.5501, -18.4626,

-70.2918, 74.2487

7.3850

186.7285,
-73.2251, 78.0915

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.1674, -47.9224,
44.2246

■ 75.1674, -47.9224,
44.2246

■ 74.5657, -50.5108,
44.7624

■ 75.8824, -44.8108,
42.9380

■ 74.2558, -51.8241,
44.8488


■ 76.7133, -41.1418,
40.8018


■ 77.6667, -36.9044,
37.7517


■ 78.7459, -32.0995,
33.7497


■ 79.9525, -26.7381,

28.7791

 81.2872, -20.8395,
22.8407

 82.7494, -14.4291,
15.9501

 84.3376, -7.5371,
8.1342

 86.0497, -0.1969,
-0.5705

Harmonies

Analogous

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



75.1690, -13.3745, 48.1237



75.1674, -47.9224, 44.2246



75.1690, -66.7923, 29.5419

Triad

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



75.1690, -47.9240, 44.2249



75.1690, -34.7382, -112.9847



75.1690, 99.4736, 12.6617

Complementary

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



75.1674, -47.9224, 44.2246



33.0705, 63.0738, -101.1653

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.



75.1690, 90.0536, -35.3815



75.1674, -47.9224, 44.2246



75.1690, 5.8264, -127.2337

Square

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



75.1690, -47.9240, 44.2249



75.1690, -60.4892, -61.0567



75.1690, 53.0731, -93.1385



75.1690, 76.4681, 37.8983

Rectangle

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



75.1674, -47.9224, 44.2246



75.1690, -71.0372, 8.7818



75.1690, 53.0731, -93.1385



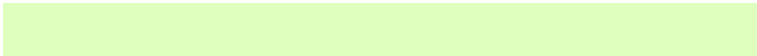
75.1690, 100.0591, -0.9216

Sweetspot

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



75.1690, -47.9240, 44.2249



95.4225, -25.2586, 27.6409



54.8982, 25.6815, 32.5594



43.8842, -12.8446, 13.9728

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.1690, -47.9240, 44.2249



87.2790, -61.1310, 52.7107



72.2848, -59.9120, 42.1877



38.6367, -5.1960, 5.7232



56.6544, -39.2524, 34.2230



14.5968, -9.2688, 8.8322

Inverse Universe

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



33.0705, 63.0738, -101.1653



34.1559, 79.6307, -141.7854



46.1672, 83.6755, -57.9420



35.9609, 1.3441, -1.9750



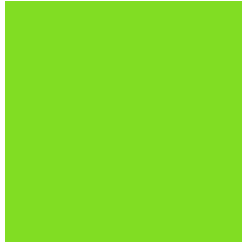
22.3616, 51.8563, -90.6763



6.1251, 13.6969, -20.9063

Previews

White Background



This preview shows how the HunterLab color 75.1674, -47.9224, 44.2246 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 75.1674, -47.9224, 44.2246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

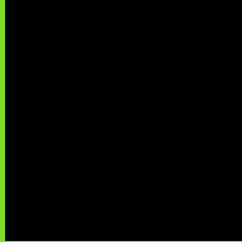
Any Text WCAG AA ✓ Pass

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 75.1674, -47.9224, 44.2246 Background



This preview shows how black text looks on a background with the HunterLab color 75.1674, -47.9224, 44.2246.



This preview shows how white text looks on a background with the HunterLab color 75.1674,

-47.9224, 44.2246.

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

75.1674, -47.9224, 44.2246

Protanopia

74.5291, -9.9556, 44.8763

Deuteranopia

74.5591, 5.5472, 43.1659



Tritanopia

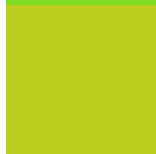
75.0244, -15.7037, -8.6591

Trichromacy



Original Color

75.1674, -47.9224, 44.2246



Protanomaly

74.1167, -26.0058, 44.1781



Deuteranomaly

73.4150, -16.9760, 42.6825



Tritanomaly

74.1224, -31.4509, 20.6691

Monochromacy



Original Color

75.1674, -47.9224, 44.2246



Achromatopsia

64.2295, -3.4271, 3.4897



Achromatomaly

67.3053, -23.2725, 24.8461

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.1674, -47.9224, 44.2246 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(129, 221, 35)` looks like.

```
.text, #text, p{  
    color:rgb(129, 221, 35)  
}
```

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(129, 221, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 221, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 75.1674, -47.9224, 44.2246 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(129, 221, 35) }
```


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

```
.border{ border-color:rgb(129, 221, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 221, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 221, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 221, 35);  
box-shadow:4px 4px 4px 4px rgb(129, 221,  
35) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.1674, -47.9224, 44.2246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 221, 35) }
```

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

```
.background{ background-color: rgb(129,  
221, 35) }
```

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](#).

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