

Converting Colors

HunterLab(74.8470, -20.1177,
45.7682)

Have a look what the booklet for
HunterLab(74.8470, -20.1177,
45.7682) contains.

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Color

**HunterLab(74.8486,
-20.1038, 45.7694)**

Conversions

Conversions Part 1	
Format	Color
Hex	CCCC00
RGB	204, 204, 0
RGB Percent	80%, 80%, 0%
CMY	0.2000, 0.2000, 0.9999
CMYK	0.00, 0.00, 1.00, 0.20
HSL	60°, 100%, 40%
HSV	60°, 100%, 80%
XYZ	46.4947, 56.0231, 8.3630
YIQ	180.7440, 65.4840, -63.4440

Conversions

Conversions Part 2

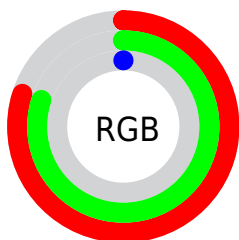
Format	Color
RYB	0, 204, 0
Decimal	13421568
CIELab	79.63, -18.22, 79.86
CIELCh	80, 81.910, 102.854
Yxy	56.0258, 0.4193, 0.5053
Android (android.graphics.Color)	4291611648 (0xFFCCCC00)
YUV	180.7440, -89.1068, 20.3955
Hunter-Lab	74.8486, -20.1038, 45.7694

Details

The HunterLab color **74.8486, -20.1038, 45.7694** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **20.8822, 56.6327, -148.3492**, and the grayscale version is **68.2130, -3.6397, 3.7061**.

A 20% lighter version of the original color is **96.6622, -23.9400, 53.8722**, and **52.7565, -15.9135, 32.2297** is the 20% darker color. If you saturate the color by 10%, you get **74.8503, -20.1067, 45.7704**, and if you desaturate by 10%, it is **74.8851, -19.9086, 45.2555**.

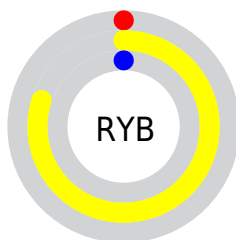
Distribution



Red (80%)

Green (80%)

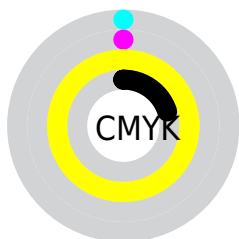
Blue (0%)



Red (0%)

Yellow (80%)

Blue (0%)

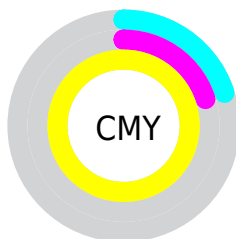


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (20%)


Magenta (20%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 74.8486, -20.1038, 45.7694 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 74.8486, -20.1038, 45.7694 by changing the saturation by 10% instead.


 74.8486, -20.1038,
45.7694


 74.8486, -20.1038,
45.7694


202.4323,
-33.7472, 86.4637


 63.4221, -18.5508,
40.4338


 99.5200, -23.1665,
55.8262


 52.6430, -16.9679,
34.8717


 112.7055,
-24.6815, 60.5865

 42.5551, -15.3459,
29.2325


 126.4269,
-26.1916, 65.1940

 33.2092, -13.6678,
23.2465

 140.6638,
-27.6995, 69.6655

 24.6699, -11.9069,
17.2689

 155.3984,
-29.2073, 74.0161

 17.0219, -10.0178,
11.9154

 170.6143,

 10.3848, -8.4052,

-30.7170, 78.2586

7.2693

186.2968,
-32.2299, 82.4045

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.8486, -20.1038,
45.7694

■ 74.8486, -20.1038,
45.7694

■ 74.8503, -20.1067,
45.7704

■ 74.8851, -19.9086,
45.2555


■ 74.9565, -19.5028,
44.1996


■ 75.0769, -18.8192,
42.4207


■ 75.2526, -17.8229,
39.8274


■ 75.4891, -16.4865,

36.3488

 75.7905, -14.7890,
31.9300

 76.1606, -12.7146,
26.5299

 76.6022, -10.2524,
20.1197

 77.1179, -7.3957,
12.6823

Harmonies

Analogous

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



74.8504, 19.6538, 45.3917



74.8486, -20.1038, 45.7694



74.8504, -48.8423, 39.9757

Triad

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



74.8504, -20.1064, 45.7699



74.8504, -51.8045, -63.3210



74.8504, 82.9496, -20.4180

Complementary

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



74.8486, -20.1038, 45.7694



20.8822, 56.6327, -148.3492

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.



74.8504, 54.7650, -70.2823



74.8486, -20.1038, 45.7694



74.8504, -25.0344, -102.5796

Square

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



74.8504, -20.1064, 45.7699



74.8504, -64.4304, -13.7832



74.8504, 13.5999, -105.6353



74.8504, 85.0339, 18.3903

Rectangle

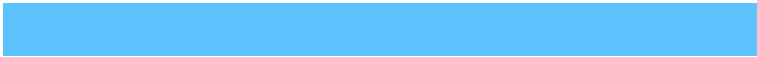
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.8486, -20.1038, 45.7694



74.8504, -60.1543, 30.0475



74.8504, 13.5999, -105.6353



74.8504, 75.9834, -36.7947

Sweetspot

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



74.8504, -20.1064, 45.7699



97.9867, -16.4790, 34.4452



35.8312, 61.3584, 23.1520



45.2347, -8.1754, 17.3715

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



74.8504, -20.1064, 45.7699



96.3216, -25.8744, 58.8999



67.8337, -47.4615, 40.9673



36.1894, -3.3839, 5.7271



59.3810, -15.9512, 36.3111



13.4873, -3.6229, 8.2474

Inverse Universe

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



20.8822, 56.6327, -148.3492



26.8702, 72.8851, -190.9223



26.8069, 62.1661, -108.7509



32.9303, -0.1603, -2.3439



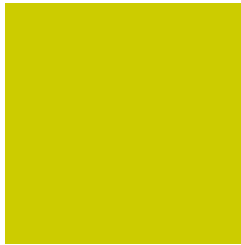
16.5651, 44.9328, -117.7008



3.7626, 10.2057, -26.7329

Previews

White Background



This preview shows how the HunterLab color 74.8486, -20.1038, 45.7694 looks on a white background.

Color Contrast Check

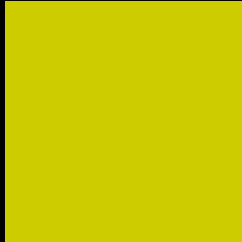
Large Text (above 18pt) WCAG AA × Fail

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 74.8486, -20.1038, 45.7694 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 74.8486, -20.1038, 45.7694 Background



This preview shows how black text looks on a background with the HunterLab color 74.8486, -20.1038, 45.7694.



This preview shows how white text looks on a background with the HunterLab color 74.8486, -20.1038, 45.7694.

-20.1038, 45.7694.

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

74.8486, -20.1038, 45.7694

Protanopia

74.8840, -10.3717, 45.9616

Deuteranopia


74.6856, 5.7336, 45.0922




Tritanopia

74.7919, 7.3660, 0.9291

Trichromacy

	Original Color 74.8486, -20.1038, 45.7694
	Protanomaly 74.7713, -13.9371, 45.8297
	Deuteranomaly 74.5078, -3.8932, 45.3165
	Tritanomaly 73.9182, -6.9351, 28.4869

Monochromacy

	Original Color 74.8486, -20.1038, 45.7694
	Achromatopsia 67.9762, -3.6270, 3.6933
	Achromatomaly 69.6073, -13.3948, 28.8417

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.8486, -20.1038, 45.7694 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(204, 204, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 204, 0)  
}
```

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(204, 204, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 204, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 74.8486, -20.1038, 45.7694 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(204, 204, 0) }
```


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

```
.border{ border-color:rgb(204, 204, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 204, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 204, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 204, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 204,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.8486, -20.1038, 45.7694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 204, 0) }
```

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

```
.background{ background-color: rgb(204,  
204, 0) }
```

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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