

Converting Colors

HunterLab(74.7584, -20.5774,
44.0819)

Have a look what the booklet for
HunterLab(74.7584, -20.5774,
44.0819) contains.

HunterLab(74.6702, -20.5582, 44.0576)	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(74.6702,
-20.5582, 44.0576)**

Conversions

Conversions Part 1

Format	Color
Hex	C9CC28
RGB	201, 204, 40
RGB Percent	79%, 80%, 16%
CMY	0.2118, 0.2000, 0.8431
CMYK	0.01, 0.00, 0.80, 0.20
HSL	61°, 67%, 48%
HSV	61°, 80%, 80%
XYZ	46.0632, 55.7564, 10.3417
YIQ	184.4070, 50.8560, -51.6400

Conversions

Conversions Part 2

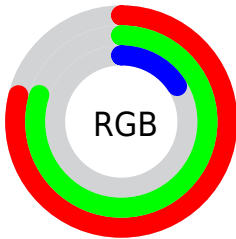
Format	Color
RYB	40, 204, 43
Decimal	13225000
CIELab	79.48, -18.79, 73.36
CIELCh	79, 75.728, 104.366
Yxy	55.7590, 0.4107, 0.4971
Android (android.graphics.Color)	4291415080 (0xFFC9CC28)
YUV	184.4070, -71.1927, 14.5521
Hunter-Lab	74.6702, -20.5582, 44.0576

Details

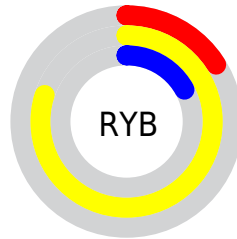
The HunterLab color **74.6702, -20.5582, 44.0576** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted yellow. A complement of this color would be **25.2821, 45.1091, -117.6099**, and the grayscale version is **69.6795, -3.7179, 3.7858**.

A 20% lighter version of the original color is **96.8089, -23.1088, 51.7083**, and **52.5855, -16.5518, 32.1132** is the 20% darker color. If you saturate the color by 10%, you get **74.5675, -21.0872, 45.0672**, and if you desaturate by 10%, it is **74.8253, -19.7570, 42.3288**.

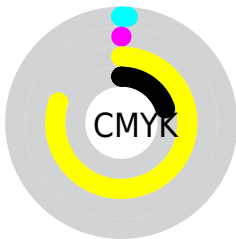
Distribution



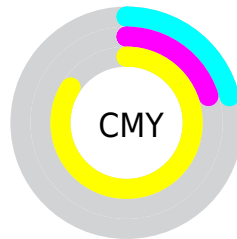
- Red (79%)
- Green (80%)
- Blue (16%)



- Red (16%)
- Yellow (80%)
- Blue (17%)



- Cyan (1%)
- Magenta (0%)
- Yellow (80%)
- Black (20%)



- Cyan (21%)
- Magenta (20%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.6702, -20.5582, 44.0576 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 74.6702, -20.5582, 44.0576 by changing the saturation by 10% instead.

74.6702, -20.5582,
44.0576

74.6702, -20.5582,
44.0576

202.1837,
-34.4208, 81.8015

63.2532, -18.9741,
39.1048

99.3238, -23.6774,
53.3758

52.4844, -17.3578,
33.9257

112.5010,
-25.2187, 57.7849

42.4073, -15.6997,
28.5176

126.2144,
-26.7537, 62.0536

33.0732, -13.9817,
23.1512

140.4436,
-28.2856, 66.1988

24.5467, -12.1758,
17.1827

155.1708,
-29.8165, 70.2346

16.9131, -10.2345,
11.8392

170.3795,

10.2925, -8.6737,

-31.3484, 74.1735

7.2048

186.0550,
-32.8827, 78.0260

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.6702, -20.5582,
44.0576

■ 74.6702, -20.5582,
44.0576

■ 74.5675, -21.0872,
45.0672

■ 74.8253, -19.7570,
42.3288

■ 74.5012, -21.3989,
45.5327


■ 75.0339, -18.6412,
39.7878


■ 75.3030, -17.1863,
36.3644


■ 75.6370, -15.3719,
32.0044


■ 76.0393, -13.1827,

26.6671

 76.5129, -10.6084,
20.3247

 77.0601, -7.6431,
12.9608

 77.6829, -4.2850,
4.5695

 78.3825, -0.5359,
-4.8454

Harmonies

Analogous

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



74.6719, 15.8085, 43.9405



74.6702, -20.5582, 44.0576



74.6719, -46.8684, 37.6983

Triad

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



74.6719, -20.5608, 44.0581



74.6719, -47.6961, -59.0236



74.6719, 76.0001, -16.1783

Complementary

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



74.6702, -20.5582, 44.0576



25.2821, 45.1091, -117.6099

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.



74.6719, 51.4763, -60.8510



74.6702, -20.5582, 44.0576



74.6719, -21.9159, -92.5763

Square

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



74.6719, -20.5608, 44.0581



74.6719, -60.3783, -14.3984



74.6719, 14.1687, -93.3708



74.6719, 76.5554, 18.7592

Rectangle

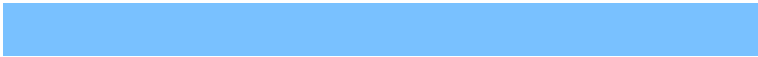
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.6702, -20.5582, 44.0576



74.6719, -57.1592, 27.4978



74.6719, 14.1687, -93.3708



74.6719, 70.1038, -30.8245

Sweetspot

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



74.6719, -20.5608, 44.0581



98.2110, -15.0109, 29.5132



38.3410, 54.6047, 21.4762



45.3363, -7.4918, 15.0011

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



74.6719, -20.5608, 44.0581



95.8964, -27.4253, 58.4297



68.7625, -43.4375, 39.8792



36.1743, -3.4369, 5.7100



59.1082, -16.9615, 36.1252



13.4381, -3.8053, 8.2138

Inverse Universe

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



25.2821, 45.1091, -117.6099



27.4597, 71.2455, -186.1055



31.9661, 56.1768, -85.2828



32.9449, -0.1104, -2.3240



16.6241, 44.9750, -117.2072



3.8221, 10.2491, -26.2400

Previews

White Background



This preview shows how the HunterLab color 74.6702, -20.5582, 44.0576 looks on a white background.

Color Contrast Check

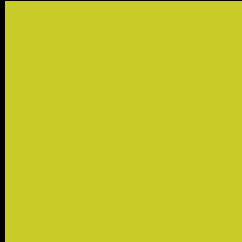
Large Text (above 18pt) WCAG AA × Fail

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 74.6702, -20.5582, 44.0576 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 74.6702, -20.5582, 44.0576 Background



This preview shows how black text looks on a background with the HunterLab color 74.6702, -20.5582, 44.0576.



This preview shows how white text looks on a background with the HunterLab color 74.6702, -20.5582, 44.0576.

-20.5582, 44.0576.

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

74.6702, -20.5582, 44.0576

Protanopia

74.4611, -10.1224, 44.2453

Deuteranopia

74.5229, 5.3530, 43.7026



Tritanopia

74.5190, 6.5213, 0.0784

Trichromacy



Original Color

74.6702, -20.5582, 44.0576

Protanomaly

74.6667, -14.1190, 44.2379

Deuteranomaly

74.2699, -4.5241, 43.6221

Tritanomaly

73.9120, -6.3715, 23.9441

Monochromacy



Original Color

74.6702, -20.5582, 44.0576

Achromatopsia

69.2330, -3.6941, 3.7616

Achromatomaly

70.6220, -12.2988, 24.9747

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.6702, -20.5582, 44.0576 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(201, 204, 40)` looks like.

```
.text, #text, p{  
    color:rgb(201, 204, 40)  
}
```

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(201, 204, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 204, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 74.6702, -20.5582, 44.0576 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(201, 204, 40) }
```


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

```
.border{ border-color:rgb(201, 204, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 204, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 204, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 204, 40);  
box-shadow:4px 4px 4px 4px rgb(201, 204,  
40) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.6702, -20.5582, 44.0576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 204, 40) }
```

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

```
.background{ background-color: rgb(201,  
204, 40) }
```

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