

# Converting Colors

HunterLab(78.8879, -20.1940,  
37.3348)

Have a look what the booklet for  
HunterLab(78.8879, -20.1940,  
37.3348) contains.

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# Color

**HunterLab(78.8520,  
-20.3137, 37.3539)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CDD66D
RGB	205, 214, 109
RGB Percent	80%, 84%, 43%
CMY	0.1961, 0.1608, 0.5725
CMYK	0.04, 0.00, 0.49, 0.16
HSL	65°, 56%, 63%
HSV	65°, 49%, 84%
XYZ	51.9837, 62.1764, 23.7294
YIQ	199.3390, 28.3410, -34.5630

# Conversions

## Conversions Part 2

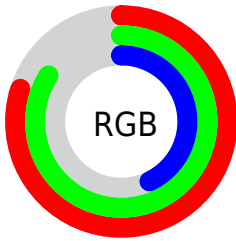
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 214, 118
Decimal	13489773
CIELab	83.01, -17.86, 50.35
CIELCh	83, 53.420, 109.534
Yxy	62.1792, 0.3770, 0.4509
Android (android.graphics.Color)	4291679853 (0xFFCDD66D)
YUV	199.3390, -44.5371, 4.9647
Hunter-Lab	78.8520, -20.3137, 37.3539

# Details

The HunterLab color **78.8520, -20.3137, 37.3539** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **44.3231, 23.4364, -57.3837**, and the grayscale version is **75.8937, -4.0495, 4.1234**.

A 20% lighter version of the original color is **97.6854, -18.1677, 38.8443**, and **56.1081, -16.9658, 30.1862** is the 20% darker color. If you saturate the color by 10%, you get **78.4306, -22.3972, 41.0222**, and if you desaturate by 10%, it is **79.3474, -17.8510, 32.6941**.

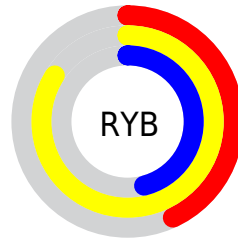
# Distribution



Red (80%)

Green (84%)

Blue (43%)



Red (43%)

Yellow (84%)

Blue (46%)

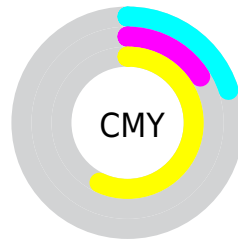


Cyan (4%)

Magenta (0%)

Yellow (49%)

Black (16%)



Cyan (20%)

Magenta (16%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.8520, -20.3137, 37.3539 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 78.8520, -20.3137, 37.3539 by changing the saturation by 10% instead.



■ 78.8520, -20.3137,  
37.3539

■ 78.8520, -20.3137,  
37.3539

207.9867,  
-33.8125, 64.4326

■ 67.2142, -18.7868,  
33.8857

■ 103.9156,  
-23.3327, 43.9113

■ 56.2115, -17.2346,  
30.2562

■ 117.2846,  
-24.8294, 47.0379

■ 45.8847, -15.6493,  
26.4331

■ 131.1824,  
-26.3229, 50.0832

■ 36.2816, -14.0164,  
22.3779

■ 145.5895,  
-27.8155, 53.0587

■ 27.4613, -12.3138,  
18.2318

160.4886,  
-29.3094, 55.9740

■ 19.5009, -10.5049,  
13.6506

175.8638,

■ 12.5056, -8.5233,

-30.8060, 58.8371

8.7539

191.7008,  
-32.3067, 61.6547

■ 5.7713, -10.0997,  
4.0399

0.0000, NaN, NaN

■ 78.8520, -20.3137,  
37.3539

■ 78.8520, -20.3137,  
37.3539

■ 78.4306, -22.3972,  
41.0222

■ 79.3474, -17.8510,  
32.6941

■ 78.0735, -24.1123,  
43.7485


■ 79.9148, -14.9894,  
27.0040


■ 77.7776, -25.4868,  
45.6028


■ 80.5587, -11.7242,  
20.2609

■ 77.5363, -26.5545,  
46.6765

■ 81.2810, -8.0531,  
12.4535

 77.3384, -27.3775,  
47.1322

 82.0834, -3.9777,  
3.5813

 77.3207, -27.4500,  
47.1641

 82.9668, 0.4966,  
-6.3463

 83.7842, 4.5687,  
-15.2419

 83.9537, 5.1394,  
-14.9923

 84.1247, 5.7141,  
-14.7410

# Harmonies

## Analogous

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



78.8538, 5.1237, 38.3091



78.8520, -20.3137, 37.3539



78.8538, -38.9081, 29.4355

# Triad

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



78.8538, -20.3161, 37.3546



78.8538, -34.2395, -41.4091



78.8538, 51.5214, -4.8922

# Complementary

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



78.8520, -20.3137, 37.3539



44.3231, 23.4364, -57.3837

# 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.



78.8538, 37.7644, -33.4496



78.8520, -20.3137, 37.3539



78.8538, -13.1320, -58.6483

# Square

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



78.8538, -20.3161, 37.3546



78.8538, -46.1928, -13.4172



78.8538, 13.2989, -55.3369



78.8538, 48.9405, 18.6578



# Rectangle

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



78.8520, -20.3137, 37.3539



78.8538, -45.9750, 19.2408



78.8538, 13.2989, -55.3369



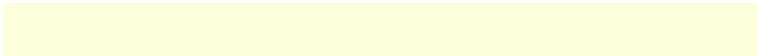
78.8538, 48.5911, -14.3132

# Sweetspot

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



78.8538, -20.3161, 37.3546



98.5697, -12.6030, 21.1339



53.1977, 30.8630, 17.1947



45.5181, -6.2612, 10.6878

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



78.8538, -20.3161, 37.3546



95.6164, -27.4324, 50.2260



74.7987, -35.6828, 33.9971



38.0306, -3.8337, 5.9676



60.1305, -21.2690, 36.6798



14.8226, -5.0159, 9.0458



# Inverse Universe

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



44.3231, 23.4364, -57.3837



45.8750, 38.2121, -93.3366



49.3636, 37.4259, -45.3427



34.7262, 0.0911, -2.3966



17.4162, 46.6748, -119.3575



4.4832, 11.6255, -27.7067



# Previews

## White Background



This preview shows how the HunterLab color 78.8520, -20.3137, 37.3539 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 78.8520, -20.3137, 37.3539 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

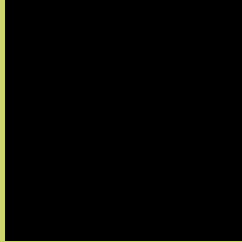
Any Text WCAG AA ✓ Pass

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 78.8520, -20.3137, 37.3539 Background



This preview shows how black text looks on a background with the HunterLab color 78.8520, -20.3137, 37.3539.



This preview shows how white text looks on a background with the HunterLab color 78.8520,

-20.3137, 37.3539.

# 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

78.8520, -20.3137, 37.3539

### Protanopia

78.8550, -9.0554, 37.9729

### Deuteranopia

78.6258, 5.6387, 36.7668



## Tritanopia

78.7748, 3.5184, -1.3209

# Trichromacy



## Original Color

78.8520, -20.3137, 37.3539

## Protanomaly

78.9883, -13.3321, 37.7896

## Deuteranomaly

78.4499, -4.0857, 36.6836

## Tritanomaly

78.4239, -6.2579, 16.3717

# Monochromacy



## Original Color

78.8520, -20.3137, 37.3539

## Achromatopsia

75.5728, -4.0324, 4.1060

## Achromatomaly

76.3914, -10.8630, 18.8817

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 78.8520, -20.3137, 37.3539 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(205, 214, 109)` looks like.

```
.text, #text, p{  
    color:rgb(205, 214, 109)  
}
```

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(205, 214, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 214, 109) }
```

## Border

The CSS property to change the border of an element to HunterLab 78.8520, -20.3137, 37.3539 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(205, 214, 109) }
```



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

```
.border{ border-color:rgb(205, 214, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 214, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 214, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 214, 109); box-shadow:4px 4px 4px 4px rgb(205, 214, 109) }
```

# Background

The CSS property to change the background color of an element to HunterLab 78.8520, -20.3137, 37.3539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 214, 109) }
```

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

```
.background{ background-color: rgb(205,  
214, 109) }
```

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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