

# Converting Colors

HunterLab(79.1053, -23.4002,  
33.1565)

Have a look what the booklet for  
HunterLab(79.1053, -23.4002,  
33.1565) contains.

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# Color

**HunterLab(79.1540,  
-23.6059, 33.0640)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2D980
RGB	194, 217, 128
RGB Percent	76%, 85%, 50%
CMY	0.2392, 0.1490, 0.4980
CMYK	0.11, 0.00, 0.41, 0.15
HSL	76°, 54%, 68%
HSV	76°, 41%, 85%
XYZ	50.9573, 62.6536, 29.8297
YIQ	199.9770, 14.8610, -32.5550

# Conversions

## Conversions Part 2

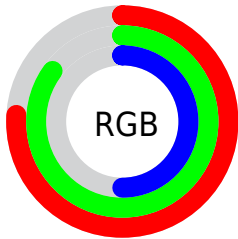
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	128, 217, 151
Decimal	12769664
CIE <sub>Lab</sub>	83.26, -21.66, 41.24
CIE <sub>LCh</sub>	83, 46.584, 117.707
Yxy	62.6563, 0.3552, 0.4368
Android (android.graphics.Color)	4290959744 (0xFFC2D980)
YUV	199.9770, -35.4847, -5.2418
Hunter-Lab	79.1540, -23.6059, 33.0640

# Details

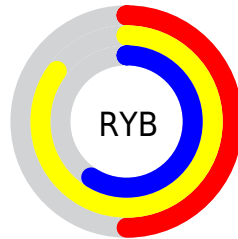
The HunterLab color  $79.1540, -23.6059, 33.0640$  is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be  $51.9895, 22.3493, -42.4410$ , and the grayscale version is  $76.1323, -4.0622, 4.1364$ .

A 20% lighter version of the original color is  $97.7716, -17.1068, 33.1095$ , and  $56.4495, -20.0266, 27.0588$  is the 20% darker color. If you saturate the color by 10%, you get  $78.3686, -27.2076, 37.4356$ , and if you desaturate by 10%, it is  $80.0291, -19.5837, 27.6867$ .

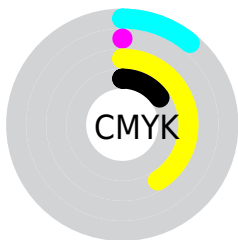
# Distribution



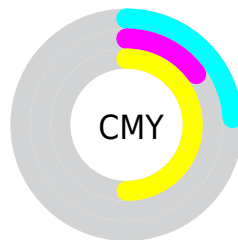
- Red (76%)
- Green (85%)
- Blue (50%)



- Red (50%)
- Yellow (85%)
- Blue (59%)



- Cyan (11%)
- Magenta (0%)
- Yellow (41%)
- Black (15%)




- Cyan (24%)
- Magenta (15%)
- Yellow (50%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.1540, -23.6059, 33.0640 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 79.1540, -23.6059, 33.0640 by changing the saturation by 10% instead.





 79.1540, -23.6059,  
33.0640


 79.1540, -23.6059,  
33.0640


208.4038,  
-38.5525, 56.1815


 67.5006, -21.8776,  
30.1580


 104.2466,  
-26.9950, 38.5903

 56.4812, -20.1109,  
27.1264


 117.6293,  
-28.6639, 41.2411

 46.1369, -18.2948,  
23.9403


 131.5402,  
-30.3222, 43.8331

 36.5148, -16.4107,  
20.5611

145.9599,  
-31.9734, 46.3756

 27.6739, -14.4302,  
16.9399

160.8711,  
-33.6200, 48.8759

 19.6906, -12.3070,  
13.7834

176.2582,

 12.6693, -9.9575,

-35.2643, 51.3403

8.8685

192.1067,  
-36.9079, 53.7740

■ 6.0087, -10.5151,  
4.2061

0.0000, NaN, NaN

■ 79.1540, -23.6059,  
33.0640

■ 79.1540, -23.6059,  
33.0640

■ 78.3686, -27.2076,  
37.4356

■ 80.0291, -19.5837,  
27.6867

■ 77.6650, -30.3865,  
40.8271

■ 80.9903, -15.1360,  
21.2880

■ 77.0413, -33.1562,  
43.2841

■ 82.0407, -10.2717,  
13.8680

■ 76.4927, -35.5364,  
44.8720

■ 83.1806, -5.0014,  
5.4367

■ 76.0127, -37.5584,  
45.6829

■ 84.4102, 0.6609,  
-3.9865

■ 75.6284, -39.1330,  
45.9168

■ 85.6072, 6.0482,  
-12.6669

■ 86.1490, 7.8599,  
-11.8893

■ 86.7047, 9.7067,  
-11.0973

■ 87.2742, 11.5876,  
-10.2912

# Harmonies

## Analogous

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



79.1558, -2.4648, 35.6916



79.1540, -23.6059, 33.0640



79.1558, -38.0007, 23.5175

# Triad

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



79.1558, -23.6081, 33.0647



79.1558, -26.3266, -39.7046



79.1558, 44.5446, 2.6206

# Complementary

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



79.1540, -23.6059, 33.0640



51.9895, 22.3493, -42.4410

# 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.



79.1558, 36.3709, -21.3842



79.1540, -23.6059, 33.0640



79.1558, -5.9755, -49.7550

# Square

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



79.1558, -23.6081, 33.0647



79.1558, -39.4408, -17.6519



79.1558, 17.2174, -42.2537



79.1558, 38.4726, 21.3583



# Rectangle

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



79.1540, -23.6059, 33.0640



79.1558, -42.6901, 12.6884



79.1558, 17.2174, -42.2537



79.1558, 43.3538, -5.1010

# Sweetspot

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



79.1558, -23.6081, 33.0647



98.3434, -12.9945, 17.6833



61.8099, 17.3403, 18.8003



45.4191, -6.3778, 8.7485

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



79.1558, -23.6081, 33.0647



94.2199, -32.0182, 44.1966



75.9573, -35.7878, 30.2365



38.8403, -4.4730, 5.9558



58.8856, -30.2682, 35.7551



15.1224, -7.1775, 9.1927



# Inverse Universe

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



51.9895, 22.3493, -42.4410



55.6024, 34.3501, -66.0188



56.5849, 35.6346, -33.2966



35.7478, 0.6200, -2.2630



18.9379, 48.4449, -111.8935



5.2312, 12.7142, -25.7325



# Previews

## White Background



This preview shows how the HunterLab color 79.1540, -23.6059, 33.0640 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

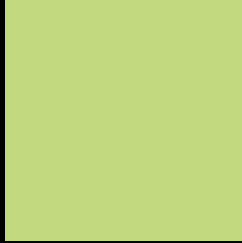
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 79.1540, -23.6059, 33.0640 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

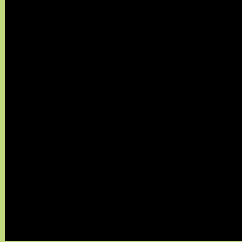
Any Text WCAG AA ✓ Pass

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 79.1540, -23.6059, 33.0640 Background



This preview shows how black text looks on a background with the HunterLab color 79.1540, -23.6059, 33.0640.



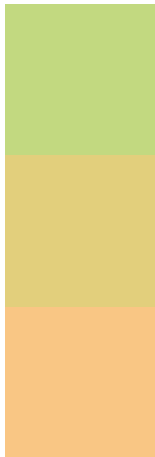
This preview shows how white text looks on a background with the HunterLab color 79.1540,

-23.6059, 33.0640.

# 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

79.1540, -23.6059, 33.0640

### Protanopia

78.8984, -8.4028, 34.1401

### Deuteranopia

78.8631, 5.5488, 32.2804



## Tritanopia

79.0812, -1.3597, -3.1065

# Trichromacy



## Original Color

79.1540, -23.6059, 33.0640

## Protanomaly

78.9717, -14.4998, 33.8416

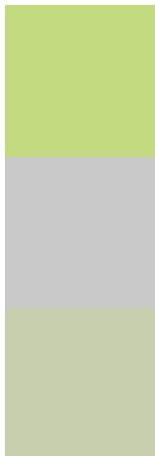
## Deuteranomaly

78.7143, -5.6767, 32.2301

## Tritanomaly

78.9180, -10.3560, 12.7037

# Monochromacy



## Original Color

79.1540, -23.6059, 33.0640

## Achromatopsia

75.9987, -4.0551, 4.1292

## Achromatomaly

76.9444, -11.7002, 16.3515

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 79.1540, -23.6059, 33.0640 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(194, 217, 128)` looks like.

```
.text, #text, p{  
    color:rgb(194, 217, 128)  
}
```

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(194, 217, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 217, 128) }
```

## Border

The CSS property to change the border of an element to HunterLab 79.1540, -23.6059, 33.0640 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(194, 217, 128) }
```



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

```
.border{ border-color:rgb(194, 217, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 217, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 217, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 217, 128);  
box-shadow:4px 4px 4px 4px rgb(194, 217,  
128) }
```

# Background

The CSS property to change the background color of an element to HunterLab 79.1540, -23.6059, 33.0640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 217, 128) }
```

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

```
.background{ background-color: rgb(194,  
217, 128) }
```

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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