

Converting Colors

HunterLab(76.7747, -21.7180,
38.3819)

Have a look what the booklet for
HunterLab(76.7747, -21.7180,
38.3819) contains.

HunterLab(76.7747, -21.7180, 38.3819)	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(76.7747,
-21.7180, 38.3819)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D260
RGB	198, 210, 96
RGB Percent	78%, 82%, 38%
CMY	0.2235, 0.1764, 0.6235
CMYK	0.06, 0.00, 0.54, 0.18
HSL	66°, 56%, 60%
HSV	66°, 54%, 82%
XYZ	48.4467, 58.9435, 19.8902
YIQ	193.4160, 29.4420, -37.9980

Conversions

Conversions Part 2

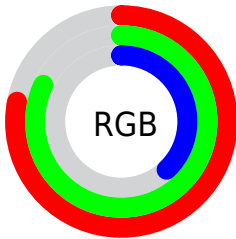
Format	Color
R_{YB}	96, 210, 108
Decimal	13029984
CIE _{Lab}	81.26, -19.83, 54.21
CIE _{LCh}	81, 57.721, 110.088
Yxy	58.9462, 0.3806, 0.4631
Android (android.graphics.Color)	4291220064 (0xFFC6D260)
YUV	193.4160, -48.0261, 4.0202
Hunter-Lab	76.7747, -21.7180, 38.3819

Details

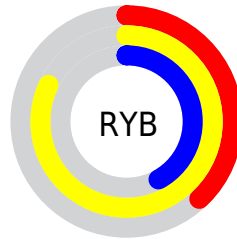
The HunterLab color $76.7747, -21.7180, 38.3819$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $40.2598, 27.0966, -64.5168$, and the grayscale version is $73.3915, -3.9160, 3.9875$.

A 20% lighter version of the original color is $97.4587, -19.4411, 42.1595$, and $54.4997, -18.4721, 30.7727$ is the 20% darker color. If you saturate the color by 10%, you get $76.3618, -23.7029, 41.4700$, and if you desaturate by 10%, it is $77.2586, -19.3694, 34.3509$.

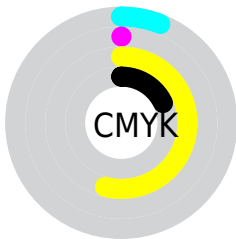
Distribution



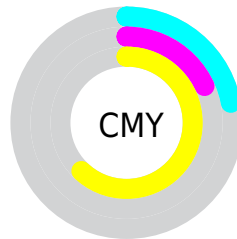
- Red (78%)
- Green (82%)
- Blue (38%)



- Red (38%)
- Yellow (82%)
- Blue (42%)



- Cyan (6%)
- Magenta (0%)
- Yellow (54%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.7747, -21.7180, 38.3819 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 76.7747, -21.7180, 38.3819 by changing the saturation by 10% instead.

■ 76.7747, -21.7180,
38.3819

■ 76.7747, -21.7180,
38.3819

205.1104,
-35.9724, 67.2900

■ 65.2456, -20.0824,
34.6465

■ 101.6364,
-24.9340, 45.4244

■ 54.3578, -18.4128,
30.7310

■ 114.9109,
-26.5213, 48.7727

■ 44.1538, -16.6991,
26.6025

■ 128.7178,
-28.1009, 52.0278

■ 34.6827, -14.9234,
22.2251

■ 143.0373,
-29.6759, 55.2027

■ 26.0065, -13.0580,
18.2045

157.8515,
-31.2488, 58.3080

■ 18.2059, -11.0568,
12.7441

173.1446,

■ 11.3933, -8.9550,

-32.8215, 61.3528

7.9753

188.9020,
-34.3956, 64.3447

■ 3.7378, -6.5412,
2.6165

0.0000, NaN, NaN

■ 76.7747, -21.7180,
38.3819

■ 76.7747, -21.7180,
38.3819

■ 76.3618, -23.7029,
41.4700

■ 77.2586, -19.3694,
34.3509

■ 76.0103, -25.3373,
43.6711


■ 77.8117, -16.6361,
29.3334


■ 75.7162, -26.6517,
45.0626


■ 78.4388, -13.5119,
23.3020


■ 75.4724, -27.6844,
45.7478

■ 79.1421, -9.9930,
16.2411

 75.3480, -28.1919,
45.9355

 79.9231, -6.0801,
8.1462

 80.7830, -1.7775,
-0.9772

 81.7225, 2.9071,
-11.1147

 82.3821, 6.0426,
-17.2195

 82.5873, 6.7295,
-16.9119

Harmonies

Analogous

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



76.7764, 5.3815, 39.4337



76.7747, -21.7180, 38.3819



76.7764, -41.1647, 30.2991

Triad

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



76.7764, -21.7204, 38.3825



76.7764, -35.6614, -46.3560



76.7764, 56.4127, -5.1629

Complementary

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



76.7747, -21.7180, 38.3819



40.2598, 27.0966, -64.5168

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.



76.7764, 41.6800, -36.4451



76.7747, -21.7180, 38.3819



76.7764, -13.1440, -65.2657

Square

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



76.7764, -21.7204, 38.3825



76.7764, -48.3784, -15.5604



76.7764, 15.2668, -61.1018



76.7764, 53.2448, 19.7620

Rectangle

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



76.7747, -21.7180, 38.3819



76.7764, -48.4215, 19.6465



76.7764, 15.2668, -61.1018



76.7764, 53.3172, -15.3749

Sweetspot

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



76.7764, -21.7204, 38.3825



98.4070, -13.3151, 21.9942



50.1466, 33.2376, 18.3969



45.4413, -6.5921, 11.0481

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.7764, -21.7204, 38.3825



95.0494, -29.8439, 52.1167



72.5647, -37.8252, 35.0093



37.0564, -3.7902, 5.7884



58.8685, -21.9331, 35.8905



13.9867, -4.9342, 8.5321

Inverse Universe

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



40.2598, 27.0966, -64.5168



41.8497, 44.7881, -107.4624



45.7771, 41.5891, -50.0403



33.8769, 0.1381, -2.3014



17.2172, 45.9700, -116.6643



4.3177, 11.0697, -25.7016

Previews

White Background



This preview shows how the HunterLab color 76.7747, -21.7180, 38.3819 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 76.7747, -21.7180, 38.3819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

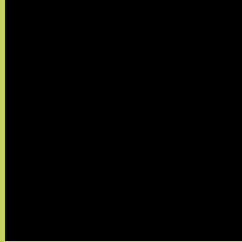
Any Text WCAG AA ✓ Pass

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 76.7747, -21.7180, 38.3819 Background



This preview shows how black text looks on a background with the HunterLab color 76.7747, -21.7180, 38.3819.



This preview shows how white text looks on a background with the HunterLab color 76.7747,

-21.7180, 38.3819.

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

76.7747, -21.7180, 38.3819

Protanopia

76.7324, -9.0431, 39.1220

Deuteranopia

76.5476, 5.7448, 37.7326



Tritanopia

76.8382, 2.7524, -1.1786

Trichromacy



Original Color

76.7747, -21.7180, 38.3819

Protanomaly

76.7580, -13.6892, 38.8785

Deuteranomaly

76.5315, -4.9296, 37.9270

Tritanomaly

76.3316, -7.7003, 17.3607

Monochromacy



Original Color

76.7747, -21.7180, 38.3819

Achromatopsia

73.0258, -3.8965, 3.9676

Achromatomaly

74.1064, -11.4175, 19.5838

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.7747, -21.7180, 38.3819 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(198, 210, 96)` looks like.

```
.text, #text, p{  
    color:rgb(198, 210, 96)  
}
```

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(198, 210, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 210, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 76.7747, -21.7180, 38.3819 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(198, 210, 96) }
```


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

```
.border{ border-color:rgb(198, 210, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 210, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 210, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 210, 96);  
box-shadow:4px 4px 4px 4px rgb(198, 210,  
96) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.7747, -21.7180, 38.3819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 210, 96) }
```

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

```
.background{ background-color: rgb(198,  
210, 96) }
```

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