

Converting Colors

HunterLab(76.4664, -28.1564,
33.2253)

Have a look what the booklet for
HunterLab(76.4664, -28.1564,
33.2253) contains.

HunterLab(76.6474, -28.2915, 33.4763)	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(76.6474,
-28.2915, 33.4763)**

Conversions

Conversions Part 1

Format	Color
Hex	B1D676
RGB	177, 214, 118
RGB Percent	69%, 84%, 46%
CMY	0.3059, 0.1608, 0.5372
CMYK	0.17, 0.00, 0.45, 0.16
HSL	83°, 54%, 65%
HSV	83°, 45%, 84%
XYZ	45.4480, 58.7482, 26.0837
YIQ	191.9930, 8.7640, -37.7000

Conversions

Conversions Part 2

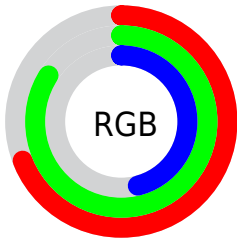
Format	Color
R _{YB}	118, 214, 155
Decimal	11654774
CIE _{Lab}	81.15, -27.78, 43.29
CIE _{LCh}	81, 51.438, 122.686
Y _{xy}	58.7508, 0.3488, 0.4509
Android (android.graphics.Color)	4289844854 (0xFFB1D676)
YUV	191.9930, -36.4785, -13.1489
Hunter-Lab	76.6474, -28.2915, 33.4763

Details

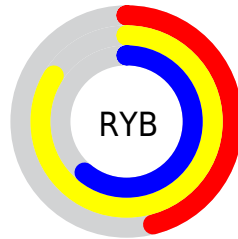
The HunterLab color $76.6474, -28.2915, 33.4763$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $49.7817, 28.1110, -44.6061$, and the grayscale version is $72.7479, -3.8816, 3.9525$.

A 20% lighter version of the original color is $95.9119, -24.2856, 34.5483$, and $54.1656, -24.1442, 27.1413$ is the 20% darker color. If you saturate the color by 10%, you get $75.7356, -32.3797, 37.3235$, and if you desaturate by 10%, it is $77.6639, -23.7395, 28.6751$.

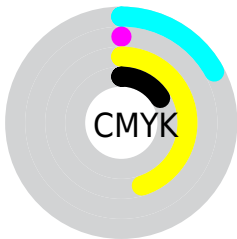
Distribution



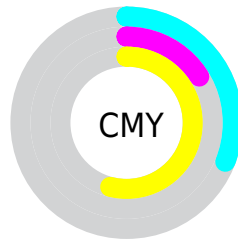
- Red (69%)
- Green (84%)
- Blue (46%)



- Red (46%)
- Yellow (84%)
- Blue (61%)



- Cyan (17%)
- Magenta (0%)
- Yellow (45%)
- Black (16%)



- Cyan (31%)
- Magenta (16%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.6474, -28.2915, 33.4763 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 76.6474, -28.2915, 33.4763 by changing the saturation by 10% instead.

■ 76.6474, -28.2915,
33.4763

■ 76.6474, -28.2915,
33.4763

204.9336,
-45.6403, 57.5802

■ 65.1249, -26.2209,
30.4193

■ 101.4965,
-32.3037, 39.2706

■ 54.2443, -24.0859,
27.2227

■ 114.7652,
-34.2598, 42.0419

■ 44.0479, -21.8689,
23.8548

■ 128.5665,
-36.1921, 44.7471

■ 34.5850, -19.5418,
20.2745

142.8805,
-38.1054, 47.3964

■ 25.9177, -17.0612,
16.4756

157.6896,
-40.0040, 49.9980

■ 18.1271, -14.3561,
12.6890

172.9776,

■ 11.3259, -12.0097,

-41.8909, 52.5588

7.9282

188.7301,
-43.7689, 55.0846

■ 3.5750, -6.2562,
2.5025

0.0000, NaN, NaN

■ 76.6474, -28.2915,
33.4763

■ 76.6474, -28.2915,
33.4763

■ 75.7356, -32.3797,
37.3235

■ 77.6639, -23.7395,
28.6751

■ 74.9212, -35.9966,
40.2394


■ 78.7813, -18.7264,
22.9091


■ 74.2024, -39.1510,
42.2686


■ 80.0018, -13.2682,
16.1839


■ 73.5743, -41.8604,
43.4789


■ 81.3249, -7.3832,
8.5154


 73.0298, -44.1570,
43.9705


 82.7499, -1.0933,
-0.0708

 72.7751, -45.2188,
44.0520

 84.2752, 5.5777,
-9.5421

 85.4015, 9.9699,
-12.8829

 86.2374, 12.7225,
-11.6829

 87.1032, 15.5467,
-10.4535

Harmonies

Analogous

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



76.6491, -6.3263, 37.1677



76.6474, -28.2915, 33.4763



76.6491, -42.1932, 22.2808

Triad

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



76.6491, -28.2934, 33.4770



76.6491, -24.8669, -48.3858



76.6491, 49.8868, 6.2775

Complementary

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



76.6474, -28.2915, 33.4763



49.7817, 28.1110, -44.6061

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.



76.6491, 43.2988, -19.8314



76.6474, -28.2915, 33.4763



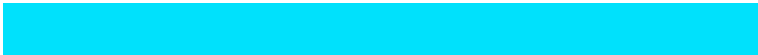
76.6491, -1.8356, -56.7582

Square

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



76.6491, -28.2934, 33.4770



76.6491, -40.3997, -24.7529



76.6491, 23.5388, -44.9643



76.6491, 40.5509, 24.9327

Rectangle

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



76.6474, -28.2915, 33.4763



76.6491, -46.0684, 9.7519



76.6491, 23.5388, -44.9643



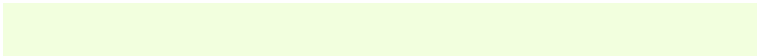
76.6491, 49.4619, -1.8612

Sweetspot

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



76.6491, -28.2934, 33.4770



97.8276, -14.9748, 18.1991



62.4358, 12.7906, 22.4198



45.0988, -7.6451, 9.3326

0.0000, NaN, NaN



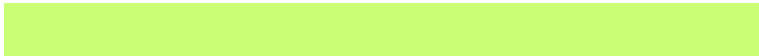
46.2646, -2.4686, 2.5136

Same Dimension

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



76.6491, -28.2934, 33.4770



92.3889, -39.3343, 45.3813



73.5437, -40.3488, 30.7925



37.7755, -4.7364, 5.6770



56.6322, -34.9346, 34.2849



14.0764, -7.9052, 8.5354

Inverse Universe

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



49.7817, 28.1110, -44.6061



53.4797, 43.6094, -71.1689



55.2104, 43.0266, -33.5491



34.9853, 0.9744, -2.0453



20.2183, 49.1384, -99.4448



5.4177, 12.5449, -21.8242

Previews

White Background



This preview shows how the HunterLab color 76.6474, -28.2915, 33.4763 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 76.6474, -28.2915, 33.4763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

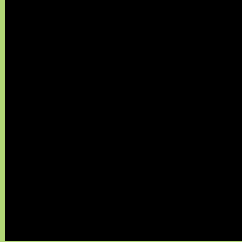
Any Text WCAG AA ✓ Pass

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 76.6474, -28.2915, 33.4763 Background



This preview shows how black text looks on a background with the HunterLab color 76.6474, -28.2915, 33.4763.



This preview shows how white text looks on a background with the HunterLab color 76.6474, -28.2915, 33.4763.

-28.2915, 33.4763.

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

76.6474, -28.2915, 33.4763

Protanopia

76.3791, -8.1977, 34.7936

Deuteranopia

76.2785, 5.4847, 32.5330



Tritanopia

76.4408, -4.4218, -4.9562

Trichromacy



Original Color

76.6474, -28.2915, 33.4763

Protanomaly

76.3934, -16.0584, 34.2038

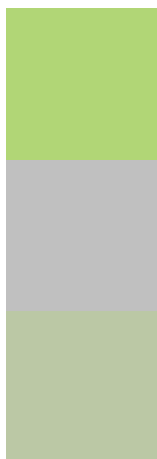
Deuteranomaly

75.9928, -7.7464, 32.5776

Tritanomaly

76.1309, -14.2042, 12.1967

Monochromacy



Original Color

76.6474, -28.2915, 33.4763

Achromatopsia

72.6027, -3.8739, 3.9446

Achromatomaly

73.8850, -13.4814, 16.7261

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.6474, -28.2915, 33.4763 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(177, 214, 118)` looks like.

```
.text, #text, p{  
    color:rgb(177, 214, 118)  
}
```

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(177, 214, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 214, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 76.6474, -28.2915, 33.4763 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(177, 214, 118) }
```


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

```
.border{ border-color:rgb(177, 214, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 214, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 214, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 214, 118);  
box-shadow:4px 4px 4px 4px rgb(177, 214,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.6474, -28.2915, 33.4763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 214, 118) }
```

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

```
.background{ background-color: rgb(177,  
214, 118) }
```

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