

Converting Colors

HunterLab(72.5183, -16.5563,
14.4751)

Have a look what the booklet for
HunterLab(72.5183, -16.5563,
14.4751) contains.

HunterLab(72.5504, -16.6060, 14.5373)	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(72.5504,
-16.6060, 14.5373)**

Conversions

Conversions Part 1

Format	Color
Hex	AEC7A7
RGB	174, 199, 167
RGB Percent	68%, 78%, 65%
CMY	0.3176, 0.2196, 0.3451
CMYK	0.13, 0.00, 0.16, 0.22
HSL	107°, 22%, 72%
HSV	107°, 16%, 78%
XYZ	44.8541, 52.6356, 44.3550
YIQ	187.8770, -4.6280, -15.2520

Conversions

Conversions Part 2

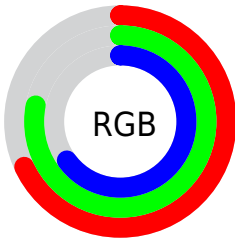
Format	Color
RYB	167, 199, 192
Decimal	11454375
CIELab	77.66, -14.43, 13.22
CIELCh	78, 19.572, 137.499
Yxy	52.6379, 0.3162, 0.3711
Android (android.graphics.Color)	4289644455 (0xFFAEC7A7)
YUV	187.8770, -10.2924, -12.1701
Hunter-Lab	72.5504, -16.6060, 14.5373

Details

The HunterLab color $72.5504, -16.6060, 14.5373$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $65.5508, 10.1884, -8.3043$, and the grayscale version is $70.9074, -3.7834, 3.8525$.

A 20% lighter version of the original color is $96.7558, -18.8237, 16.9434$, and $50.5505, -13.9389, 11.8812$ is the 20% darker color. If you saturate the color by 10%, you get $70.9041, -23.6627, 20.1593$, and if you desaturate by 10%, it is $74.3786, -8.9531, 8.2423$.

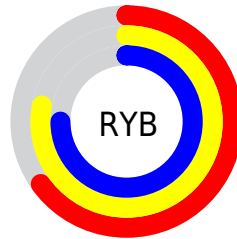
Distribution



Red (68%)

Green (78%)

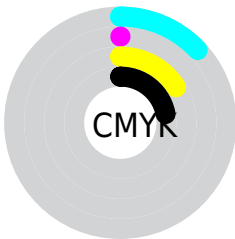
Blue (65%)



Red (65%)

Yellow (78%)

Blue (75%)

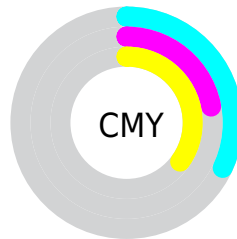


Cyan (13%)

Magenta (0%)

Yellow (16%)

Black (22%)



Cyan (32%)

Magenta (22%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.5504, -16.6060, 14.5373 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 72.5504, -16.6060, 14.5373 by changing the saturation by 10% instead.

■ 72.5504, -16.6060,
14.5373

■ 72.5504, -16.6060,
14.5373

199.2220,
-28.7883, 26.2921

■ 61.2485, -15.2530,
13.2414

■ 96.9903, -19.2961,
17.1179

■ 50.6019, -13.8837,
11.9323

■ 110.0679,
-20.6378, 18.4086

■ 40.6556, -12.4907,
10.6016

123.6855,
-21.9817, 19.7034

■ 31.4628, -11.0605,
9.2359

137.8225,
-23.3296, 21.0042

■ 23.0913, -9.5715,
7.8133

152.4605,
-24.6831, 22.3124

■ 15.6314, -7.9865,
6.2961

167.5829,

■ 9.2092, -7.3195,

-26.0434, 23.6292

6.4464

183.1746,
-27.4116, 24.9556

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.5504, -16.6060,
14.5373

■ 72.5504, -16.6060,
14.5373

■ 70.9041, -23.6627,
20.1593

■ 74.3786, -8.9531,
8.2423

■ 69.4390, -30.0571,
25.0590

■ 76.3789, -0.7639,
1.3251

■ 68.1589, -35.7362,
29.2014

■ 78.5463, 7.8951,
-6.1566

■ 67.0641, -40.6565,
32.5652

■ 80.8739, 16.9613,
-14.1452

■ 66.1523, -44.7897,

■ 82.8952, 24.0246,

35.1485

-16.1670

■ 65.4185, -48.1271,
36.9728

■ 83.2640, 25.1785,
-15.6199

■ 64.8543, -50.6832,
38.0885

■ 64.4472, -52.5034,
38.5869

■ 64.3226, -53.0590,
38.7064

Harmonies

Analogous

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



72.5520, -9.1800, 18.3859



72.5504, -16.6060, 14.5373



72.5520, -20.5387, 7.5396

Triad

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



72.5520, -16.6076, 14.5382



72.5520, -7.7096, -14.7218



72.5520, 14.0002, 8.8855

Complementary

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



72.5504, -16.6060, 14.5373



65.5508, 10.1884, -8.3043

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.



72.5520, 14.4430, 0.1654



72.5504, -16.6060, 14.5373



72.5520, 1.5868, -14.2423

Square

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



72.5520, -16.6076, 14.5382



72.5520, -15.5780, -9.7616



72.5520, 9.8010, -8.5240



72.5520, 8.6201, 15.4162

Rectangle

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



72.5504, -16.6060, 14.5373



72.5520, -20.7847, 1.6913



72.5520, 9.8010, -8.5240



72.5520, 14.7408, 6.1368

Sweetspot

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



72.5520, -16.6076, 14.5382



98.6738, -10.7850, 10.0196



72.4080, -5.2345, 14.5893



45.5670, -5.3374, 4.9260

0.0000, NaN, NaN



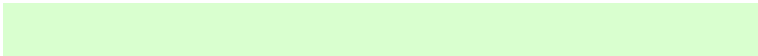
46.2646, -2.4686, 2.5136

Same Dimension

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



72.5520, -16.6076, 14.5382



95.2771, -25.0501, 21.7153



72.2364, -17.3120, 10.6930



34.6379, -5.4203, 4.8802



51.6091, -42.4144, 31.0588



11.3756, -8.6163, 6.8588

Inverse Universe

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



65.5508, 10.1884, -8.3043



84.2219, 17.2942, -14.4015



65.9691, 10.9677, -3.1839



32.7034, 1.9758, -1.4197



26.8376, 55.8397, -59.2431



6.0902, 12.4911, -12.0445

Previews

White Background



This preview shows how the HunterLab color 72.5504, -16.6060, 14.5373 looks on a white background.

Color Contrast Check

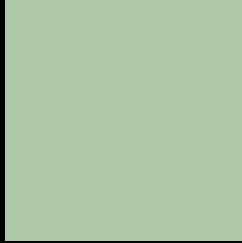
Large Text (above 18pt) WCAG AA × Fail

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 72.5504, -16.6060, 14.5373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

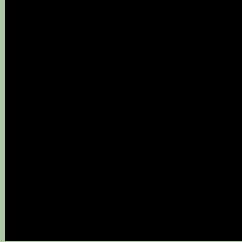
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

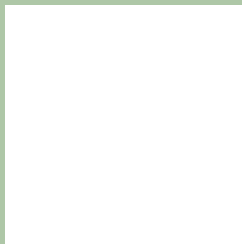
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 72.5504, -16.6060, 14.5373 Background



This preview shows how black text looks on a background with the HunterLab color 72.5504, -16.6060, 14.5373.



This preview shows how white text looks on a background with the HunterLab color 72.5504,

-16.6060, 14.5373.

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

72.5504, -16.6060, 14.5373

Protanopia

72.3350, -4.8575, 16.0860

Deuteranopia

72.4608, 5.0303, 13.6204



Tritanopia

72.5032, -4.6821, -4.7343

Trichromacy



Original Color

72.5504, -16.6060, 14.5373

Protanomaly

72.3466, -9.4633, 15.6305

Deuteranomaly

72.2828, -3.1895, 13.6955

Tritanomaly

72.3811, -9.2483, 2.6311

Monochromacy



Original Color

72.5504, -16.6060, 14.5373

Achromatopsia

70.9145, -3.7838, 3.8529

Achromatomaly

71.4576, -8.6039, 8.0537

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.5504, -16.6060, 14.5373 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(174, 199, 167)` looks like.

```
.text, #text, p{  
    color:rgb(174, 199, 167)  
}
```

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(174, 199, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 199, 167) }
```

Border

The CSS property to change the border of an element to HunterLab 72.5504, -16.6060, 14.5373 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(174, 199, 167) }
```


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

```
.border{ border-color:rgb(174, 199, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 199, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 199, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 199, 167);  
box-shadow:4px 4px 4px 4px rgb(174, 199,  
167) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.5504, -16.6060, 14.5373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 199, 167) }
```

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

```
.background{ background-color: rgb(174,  
199, 167) }
```

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