

Converting Colors

HunterLab(66.6542, -12.6749,
15.3048)

Have a look what the booklet for
HunterLab(66.6542, -12.6749,
15.3048) contains.

HunterLab(66.7945, -12.6247, 15.3251)	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(66.7945,
-12.6247, 15.3251)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB796
RGB	170, 183, 150
RGB Percent	67%, 72%, 59%
CMY	0.3333, 0.2823, 0.4118
CMYK	0.07, 0.00, 0.18, 0.28
HSL	84°, 19%, 65%
HSV	84°, 18%, 72%
XYZ	39.0161, 44.6151, 35.4094
YIQ	175.3510, 2.8450, -13.0190

Conversions

Conversions Part 2

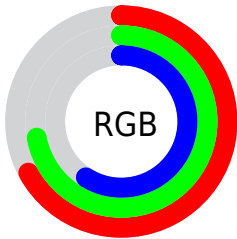
Format	Color
RYB	150, 183, 163
Decimal	11188118
CIELab	72.64, -10.46, 15.29
CIELCh	73, 18.527, 124.389
Yxy	44.6170, 0.3278, 0.3748
Android (android.graphics.Color)	4289378198 (0xFFAAB796)
YUV	175.3510, -12.4980, -4.6928
Hunter-Lab	66.7945, -12.6247, 15.3251

Details

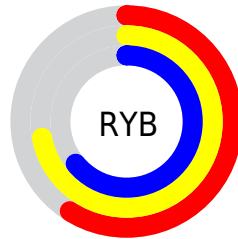
The HunterLab color $66.7945, -12.6247, 15.3251$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $57.4625, 6.7958, -10.7000$, and the grayscale version is $65.6711, -3.5040, 3.5680$.

A 20% lighter version of the original color is $90.6092, -15.1167, 18.1875$, and $45.5167, -10.2177, 12.4919$ is the 20% darker color. If you saturate the color by 10%, you get $65.7959, -17.0969, 20.6690$, and if you desaturate by 10%, it is $67.8817, -7.7981, 9.2059$.

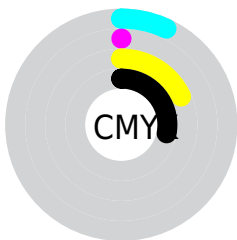
Distribution



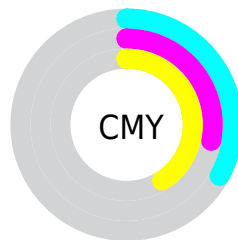
- Red (67%)
- Green (72%)
- Blue (59%)



- Red (59%)
- Yellow (72%)
- Blue (64%)



- Cyan (7%)
- Magenta (0%)
- Yellow (18%)
- Black (28%)



- Cyan (33%)
- Magenta (28%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.7945, -12.6247, 15.3251 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 66.7945, -12.6247, 15.3251 by changing the saturation by 10% instead.

■ 66.7945, -12.6247,
15.3251

■ 66.7945, -12.6247,
15.3251

191.1073,
-23.2472, 27.8779

■ 55.8174, -11.4837,
13.9051

■ 90.6341, -14.9207,
18.1232

■ 45.5165, -10.3385,
12.4580

■ 103.4318,
-16.0780, 19.5112

■ 35.9412, -9.1839,
10.9709

116.7809,
-17.2443, 20.8972

■ 27.1512, -8.0092,
9.4230

130.6595,
-18.4211, 22.2842

■ 19.2243, -6.7964,
7.7800

145.0481,
-19.6091, 23.6742

■ 12.2673, -5.5120,
6.3899

159.9292,

■ 5.4051, -8.7247,

-20.8092, 25.0689

3.7836

175.2871,
-22.0217, 26.4698

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.7945, -12.6247,
15.3251

■ 66.7945, -12.6247,
15.3251

■ 65.7959, -17.0969,
20.6690

■ 67.8817, -7.7981,
9.2059

■ 64.8815, -21.1950,
25.2239

■ 69.0523, -2.6297,
2.3279

■ 64.0525, -24.9100,
28.9891

■ 70.3068, 2.8593,
-5.2826

■ 63.3075, -28.2358,
31.9745

■ 71.6437, 8.6480,
-13.5953

■ 62.6446, -31.1722,

■ 73.0612, 14.7148,

34.2036

-22.5763

■ 62.0606, -33.7264,
35.7162

■ 74.3469, 19.9541,
-29.2861

■ 61.5513, -35.9148,
36.5726

■ 75.0858, 22.2761,
-28.0477

■ 61.1082, -37.7794,
36.8930

■ 75.8495, 24.6545,
-26.7832

■ 61.0260, -38.1253,
36.9365

■ 76.6377, 27.0867,
-25.4943

Harmonies

Analogous

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



66.7960, -4.8246, 17.4586



66.7945, -12.6247, 15.3251



66.7960, -17.7932, 10.0657

Triad

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



66.7960, -12.6263, 15.3259



66.7960, -10.5454, -12.1082



66.7960, 13.6774, 4.8250

Complementary

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



66.7945, -12.6247, 15.3251



57.4625, 6.7958, -10.7000

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.



66.7960, 11.9580, -3.5044



66.7945, -12.6247, 15.3251



66.7960, -2.3013, -13.9669

Square

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



66.7960, -12.6263, 15.3259



66.7960, -16.6350, -5.8421



66.7960, 6.0011, -10.6435



66.7960, 10.5885, 11.9009

Rectangle

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



66.7945, -12.6247, 15.3251



66.7960, -19.1955, 5.1511



66.7960, 6.0011, -10.6435



66.7960, 13.6438, 2.0843

Sweetspot

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



66.7960, -12.6263, 15.3259



91.2926, -8.4407, 9.7073



61.9202, 1.3864, 10.5500



42.8539, -4.1911, 4.8572



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



66.7960, -12.6263, 15.3259



88.7956, -19.5473, 23.7344



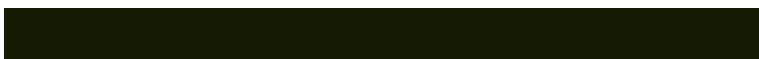
65.5182, -17.2916, 13.9574



32.1279, -4.0071, 4.7661



51.0095, -31.6814, 30.8772



9.7572, -5.2284, 5.9208

Inverse Universe

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



57.4625, 6.7958, -10.7000



73.3939, 12.5642, -19.3721



59.0206, 11.8828, -8.4304



29.8118, 0.8007, -1.6622



18.4021, 44.4747, -88.5768



3.9444, 8.8865, -13.9747

Previews

White Background



This preview shows how the HunterLab color 66.7945, -12.6247, 15.3251 looks on a white background.

Color Contrast Check

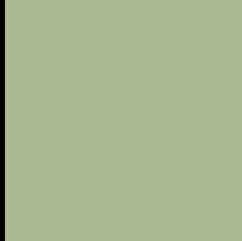
Large Text (above 18pt) WCAG AA × Fail

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 66.7945, -12.6247, 15.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

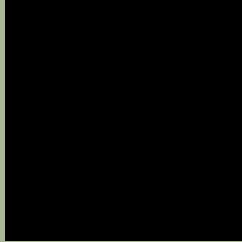
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

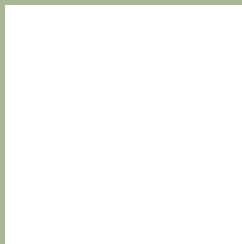
Any Text WCAG AAA ✓ Pass

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

HunterLab 66.7945, -12.6247, 15.3251 Background



This preview shows how black text looks on a background with the HunterLab color 66.7945, -12.6247, 15.3251.



This preview shows how white text looks on a background with the HunterLab color 66.7945,

-12.6247, 15.3251.

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

66.7945, -12.6247, 15.3251

Protanopia

66.8122, -4.9094, 16.5875

Deuteranopia

66.5058, 4.7488, 14.5810



Tritanopia

66.6603, -1.4301, -2.7897

Trichromacy



Original Color

66.7945, -12.6247, 15.3251

Protanomaly

66.7865, -8.0373, 16.1407

Deuteranomaly

66.4084, -1.5642, 14.7534

Tritanomaly

66.6134, -5.6038, 4.3901

Monochromacy



Original Color

66.7945, -12.6247, 15.3251

Achromatopsia

65.4745, -3.4936, 3.5574

Achromatomaly

65.9380, -7.0080, 8.0689

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.7945, -12.6247, 15.3251 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(170, 183, 150)` looks like.

```
.text, #text, p{  
    color:rgb(170, 183, 150)  
}
```

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(170, 183, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 183, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 66.7945, -12.6247, 15.3251 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(170, 183, 150) }
```


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

```
.border{ border-color:rgb(170, 183, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 183, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 183, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 183, 150);  
box-shadow:4px 4px 4px 4px rgb(170, 183,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.7945, -12.6247, 15.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 183, 150) }
```

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

```
.background{ background-color: rgb(170,  
183, 150) }
```

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