

Converting Colors

HunterLab(68.0683, -12.9300,
17.6725)

Have a look what the booklet for
HunterLab(68.0683, -12.9300,
17.6725) contains.

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Color

**HunterLab(68.0723,
-12.9149, 17.6772)**

Conversions

Conversions Part 1

Format	Color
Hex	AFBA93
RGB	175, 186, 147
RGB Percent	69%, 73%, 58%
CMY	0.3137, 0.2706, 0.4235
CMYK	0.06, 0.00, 0.21, 0.27
HSL	77°, 22%, 65%
HSV	77°, 21%, 73%
XYZ	40.5046, 46.3384, 34.4132
YIQ	178.2650, 5.9630, -14.4610

Conversions

Conversions Part 2

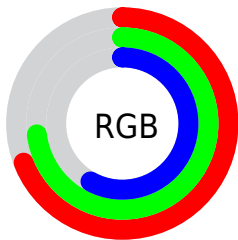
Format	Color
RYB	147, 186, 158
Decimal	11516563
CIELab	73.77, -10.65, 18.53
CIELCh	74, 21.378, 119.894
Yxy	46.3404, 0.3340, 0.3822
Android (android.graphics.Color)	4289706643 (0xFFAFBA93)
YUV	178.2650, -15.4136, -2.8634
Hunter-Lab	68.0723, -12.9149, 17.6772

Details

The HunterLab color $68.0723, -12.9149, 17.6772$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $56.2877, 7.4120, -14.1209$, and the grayscale version is $66.8957, -3.5694, 3.6346$.

A 20% lighter version of the original color is $92.0382, -15.1265, 20.8518$, and $46.6446, -10.7367, 14.4878$ is the 20% darker color. If you saturate the color by 10%, you get $67.2364, -16.7629, 23.0065$, and if you desaturate by 10%, it is $68.9866, -8.7241, 11.5151$.

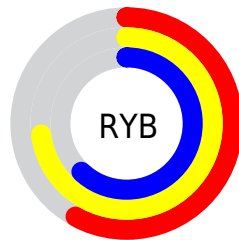
Distribution



Red (69%)

Green (73%)

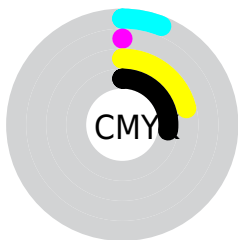
Blue (58%)



Red (58%)

Yellow (73%)

Blue (62%)

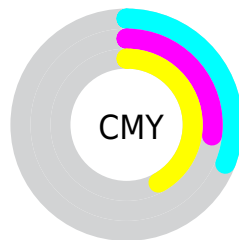


Cyan (6%)

Magenta (0%)

Yellow (21%)

Black (27%)



Cyan (31%)

Magenta (27%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.0723, -12.9149, 17.6772 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 68.0723, -12.9149, 17.6772 by changing the saturation by 10% instead.

■ 68.0723, -12.9149,
17.6772

■ 68.0723, -12.9149,
17.6772

192.9185,
-23.6211, 31.5335

■ 57.0215, -11.7637,
16.0707

■ 92.0479, -15.2311,
20.8146

■ 46.6421, -10.6080,
14.4227

■ 104.9090,
-16.3981, 22.3587

■ 36.9822, -9.4429,
12.7172

118.3188,
-17.5740, 23.8935

■ 28.1003, -8.2579,
10.9284

132.2558,
-18.7600, 25.4227

■ 20.0715, -7.0358,
9.0160

146.7008,
-19.9571, 26.9491

■ 12.9984, -5.7448,
7.4404

161.6364,

■ 6.4568, -7.5354,

-21.1659, 28.4752

4.5198

177.0470,
-22.3872, 30.0029

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.0723, -12.9149,
17.6772

■ 68.0723, -12.9149,
17.6772

■ 67.2364, -16.7629,
23.0065

■ 68.9866, -8.7241,
11.5151

■ 66.4737, -20.2559,
27.4992

■ 69.9750, -4.1952,
4.5274

■ 65.7843, -23.3930,
31.1651

■ 71.0390, 0.6573,
-3.2675

■ 65.1663, -26.1761,
34.0250

■ 72.1778, 5.8186,
-11.8465

■ 64.6168, -28.6130,

■ 73.3907, 11.2723,

36.1134

-21.1813

■ 64.1320, -30.7183,
37.4811

■ 74.5194, 16.1840,
-29.0711

■ 63.7068, -32.5160,
38.2007

■ 75.0316, 17.8219,
-28.2129

■ 63.3635, -33.9343,
38.4502

■ 75.5572, 19.4917,
-27.3399

■ 76.0959, 21.1922,
-26.4526

Harmonies

Analogous

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



68.0738, -3.6005, 19.5165



68.0723, -12.9149, 17.6772



68.0738, -19.4180, 12.2216

Triad

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



68.0738, -12.9167, 17.6780



68.0738, -12.9746, -14.0061



68.0738, 16.5847, 3.6718

Complementary

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



68.0723, -12.9149, 17.6772



56.2877, 7.4120, -14.1209

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.



68.0738, 13.7293, -6.0765



68.0723, -12.9149, 17.6772



68.0738, -3.6713, -17.1364

Square

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



68.0738, -12.9167, 17.6780



68.0738, -19.4500, -6.0099



68.0738, 6.1703, -14.0483



68.0738, 13.7682, 12.1711

Rectangle

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



68.0723, -12.9149, 17.6772



68.0738, -21.4758, 6.8240



68.0738, 6.1703, -14.0483



68.0738, 16.2543, 0.4320

Sweetspot

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



68.0738, -12.9167, 17.6780



93.5103, -8.8316, 11.0591



60.6603, 4.6123, 10.4784



43.8411, -4.3311, 5.4772



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



68.0738, -12.9167, 17.6780



91.1326, -19.7493, 27.1273



66.5616, -18.4481, 16.1032



32.2065, -3.7282, 4.8560



52.0086, -27.6836, 31.5628



9.9148, -4.6098, 6.0288

Inverse Universe

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



56.2877, 7.4120, -14.1209



72.0174, 13.3192, -24.7107



58.0940, 13.2723, -11.3837



29.7302, 0.5232, -1.7723



17.0822, 43.2158, -97.1925



3.6762, 8.5827, -15.3533

Previews

White Background



This preview shows how the HunterLab color 68.0723, -12.9149, 17.6772 looks on a white background.

Color Contrast Check

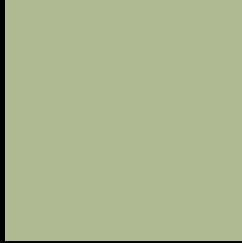
Large Text (above 18pt) WCAG AA × Fail

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 68.0723, -12.9149, 17.6772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

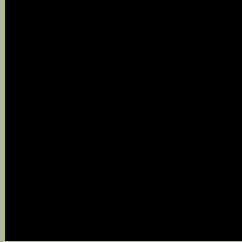
Any Text WCAG AA ✓ Pass

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 68.0723, -12.9149, 17.6772 Background



This preview shows how black text looks on a background with the HunterLab color 68.0723, -12.9149, 17.6772.



This preview shows how white text looks on a background with the HunterLab color 68.0723,

-12.9149, 17.6772.

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

68.0723, -12.9149, 17.6772

Protanopia

68.0430, -5.2934, 18.4931

Deuteranopia

67.9291, 4.9935, 17.1274



Tritanopia

68.1782, -0.5785, -2.3842

Trichromacy



Original Color

68.0723, -12.9149, 17.6772

Protanomaly

68.1039, -8.1263, 18.1483

Deuteranomaly

67.7121, -1.7361, 17.1612

Tritanomaly

67.9808, -5.3922, 5.5177

Monochromacy



Original Color

68.0723, -12.9149, 17.6772

Achromatopsia

66.7234, -3.5602, 3.6252

Achromatomaly

67.2197, -7.0862, 9.0500

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.0723, -12.9149, 17.6772 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(175, 186, 147)` looks like.

```
.text, #text, p{  
    color:rgb(175, 186, 147)  
}
```

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(175, 186, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 186, 147) }
```

Border

The CSS property to change the border of an element to HunterLab 68.0723, -12.9149, 17.6772 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(175, 186, 147) }
```


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

```
.border{ border-color:rgb(175, 186, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 186, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 186, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 186, 147);  
box-shadow:4px 4px 4px 4px rgb(175, 186,  
147) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.0723, -12.9149, 17.6772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 186, 147) }
```

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

```
.background{ background-color: rgb(175,  
186, 147) }
```

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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