

Converting Colors

HunterLab(49.6155, 15.4866,
23.5983)

Have a look what the booklet for
HunterLab(49.6155, 15.4866,
23.5983) contains.

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Color

**HunterLab(49.7066, 15.3613,
23.5849)**

Conversions

Conversions Part 1

Format	Color
Hex	BB7948
RGB	187, 121, 72
RGB Percent	73%, 47%, 28%
CMY	0.2667, 0.5255, 0.7176
CMYK	0.00, 0.35, 0.61, 0.27
HSL	26°, 46%, 51%
HSV	26°, 61%, 73%
XYZ	28.5006, 24.7075, 9.3978
YIQ	135.1480, 55.0650, -1.2470

Conversions

Conversions Part 2

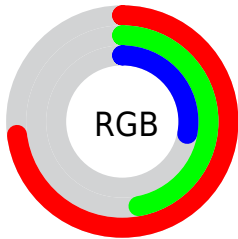
Format	Color
R _Y B	187, 157, 72
Decimal	12286280
CIE Lab	56.79, 20.91, 37.11
CIE LCh	57, 42.600, 60.598
Yxy	24.7087, 0.4552, 0.3947
Android (android.graphics.Color)	4290476360 (0xFFBB7948)
YUV	135.1480, -31.1320, 45.4742
Hunter-Lab	49.7066, 15.3613, 23.5849

Details

The HunterLab color **49.7066, 15.3613, 23.5849** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **48.1056, -7.2637, -28.4287**, and the grayscale version is **49.3859, -2.6351, 2.6832**.

A 20% lighter version of the original color is **71.6031, 15.9301, 29.1543**, and **30.7421, 14.1288, 17.4167** is the 20% darker color. If you saturate the color by 10%, you get **46.9421, 19.5640, 24.9678**, and if you desaturate by 10%, it is **52.6746, 11.4620, 21.5937**.

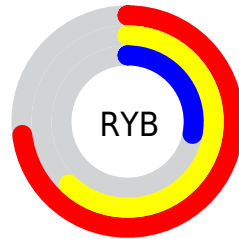
Distribution



Red (73%)

Green (47%)

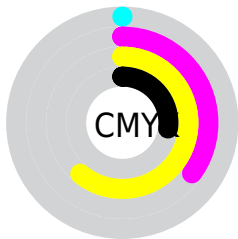
Blue (28%)



Red (73%)

Yellow (62%)

Blue (28%)

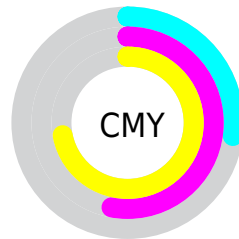


Cyan (0%)

Magenta (35%)

Yellow (61%)

Black (27%)



Cyan (27%)

Magenta (53%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7066, 15.3613, 23.5849 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 49.7066, 15.3613, 23.5849 by changing the saturation by 10% instead.

■ 49.7066, 15.3613,
23.5849

■ 49.7066, 15.3613,
23.5849

166.2481, 17.0999,
46.2419

■ 39.8248, 14.7777,
20.5801

■ 71.5432, 16.2327,
29.1570

■ 30.7006, 14.0826,
17.3733

■ 83.4147, 16.5462,
31.7808

■ 22.4044, 13.2552,
14.0036

■ 95.8786, 16.7879,
34.3237

■ 15.0292, 12.2738,
10.5204

■ 108.9081, 16.9637,
36.8003

■ 8.6704, 11.3057,
6.0692

■ 122.4795, 17.0788,
39.2221

0.0000, INF, NaN

0.0000, NaN, NaN

136.5721, 17.1375,

41.5982

0.0000, NaN, NaN

151.1672, 17.1435,
43.9361

0.0000, NaN, NaN

■ 49.7066, 15.3613,
23.5849

■ 49.7066, 15.3613,
23.5849

■ 46.9421, 19.5640,
24.9678

■ 52.6746, 11.4620,
21.5937

■ 44.3966, 24.0440,
25.6955

■ 55.8240, 7.8855,
19.0495

■ 42.0895, 28.7327,
25.7532

■ 59.1387, 4.6250,
16.0124

■ 40.3189, 32.7691,
25.4180

■ 62.6030, 1.6667,
12.5391

■ 66.2030, -1.0082,
8.6813

■ 69.9263, -3.4214,
4.4846

■ 73.7620, -5.5950,
-0.0115

■ 77.7005, -7.5507,
-4.7730

■ 81.7334, -9.3088,
-9.7709

Harmonies

Analogous

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



49.7079, 30.5038, 16.6306



49.7066, 15.3613, 23.5849



49.7079, -3.0128, 25.5455

Triad

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



49.7079, 15.3586, 23.5855



49.7079, -32.5521, 2.3636



49.7079, 16.0665, -34.4406

Complementary

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



49.7066, 15.3613, 23.5849



48.1056, -7.2637, -28.4287

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.



49.7079, -2.2960, -42.3159



49.7066, 15.3613, 23.5849



49.7079, -28.9024, -16.9668

Square

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



49.7079, 15.3586, 23.5855



49.7079, -29.1814, 16.2235



49.7079, -18.4202, -35.0114



49.7079, 30.9515, -16.1589

Rectangle

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



49.7066, 15.3613, 23.5849



49.7079, -14.1719, 24.6045



49.7079, -18.4202, -35.0114



49.7079, 10.0166, -38.6316

Sweetspot

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



49.7079, 15.3586, 23.5855



85.3059, 1.0432, 15.1791



41.3113, 46.4302, -8.8338



39.3776, 0.9978, 7.8107



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.



49.7079, 15.3586, 23.5855



61.5257, 28.3615, 33.8787



65.3006, -11.8577, 34.4635



31.9167, -0.7362, 3.7217



33.6716, 26.6865, 21.2155



7.5762, 3.1758, 4.7240

Inverse Universe

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



48.1056, -7.2637, -28.4287



58.9100, -6.9660, -48.5664



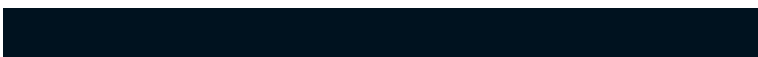
33.0724, 21.0761, -63.5348



31.7959, -2.5422, -0.3525



31.4771, 1.0455, -41.6007



7.1787, -1.3402, -6.0797

Previews

White Background



This preview shows how the HunterLab color 49.7066, 15.3613, 23.5849 looks on a white background.

Color Contrast Check

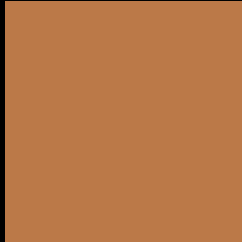
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.7066, 15.3613, 23.5849 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 × Fail

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

HunterLab 49.7066, 15.3613, 23.5849 Background



This preview shows how black text looks on a background with the HunterLab color 49.7066, 15.3613, 23.5849.



This preview shows how white text looks on a background with the HunterLab color 49.7066, 15.3613,

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

49.7066, 15.3613, 23.5849

Protanopia

49.9111, -5.5785, 22.3168

Deuteranopia

49.7316, 3.5506, 23.7985



Tritanopia

49.7674, 24.7822, 8.7758

Trichromacy



Original Color

49.7066, 15.3613, 23.5849

Protanomaly

49.5249, 1.6016, 22.5759

Deuteranomaly

49.7470, 7.6913, 23.6837

Tritanomaly

49.6681, 21.2386, 15.3432

Monochromacy



Original Color

49.7066, 15.3613, 23.5849

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

48.9950, 2.5475, 11.6849

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7066, 15.3613, 23.5849 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(187, 121, 72)` looks like.

```
.text, #text, p{  
    color:rgb(187, 121, 72)  
}
```

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(187, 121, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 121, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7066, 15.3613, 23.5849 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(187, 121, 72) }
```


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

```
.border{ border-color:rgb(187, 121, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 121, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 121, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 121, 72);  
box-shadow:4px 4px 4px 4px rgb(187, 121,  
72) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7066, 15.3613, 23.5849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 121, 72) }
```

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

```
.background{ background-color: rgb(187,  
121, 72) }
```

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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