

Converting Colors

HunterLab(49.7386, 15.0767,
26.9406)

Have a look what the booklet for
HunterLab(49.7386, 15.0767,
26.9406) contains.

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Color

**HunterLab(49.7500, 15.0727,
26.9055)**

Conversions

Conversions Part 1

Format	Color
Hex	BD7935
RGB	189, 121, 53
RGB Percent	74%, 47%, 21%
CMY	0.2588, 0.5255, 0.7921
CMYK	0.00, 0.36, 0.72, 0.26
HSL	30°, 56%, 47%
HSV	30°, 72%, 74%
XYZ	28.4663, 24.7506, 6.6452
YIQ	133.5800, 62.3560, -6.7320

Conversions

Conversions Part 2

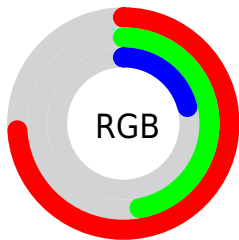
Format	Color
RYB	189, 189, 53
Decimal	12417333
CIELab	56.83, 20.60, 46.83
CIELCh	57, 51.158, 66.259
Yxy	24.7519, 0.4755, 0.4135
Android (android.graphics.Color)	4290607413 (0xFFBD7935)
YUV	133.5800, -39.7259, 48.6033
Hunter-Lab	49.7500, 15.0727, 26.9055

Details

The HunterLab color **49.7500, 15.0727, 26.9055** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **42.5498, -1.0882, -40.8848**, and the grayscale version is **48.7956, -2.6036, 2.6512**.

A 20% lighter version of the original color is **71.6876, 15.6064, 33.8340**, and **30.7572, 13.9453, 19.1965** is the 20% darker color. If you saturate the color by 10%, you get **47.3555, 18.9821, 27.6081**, and if you desaturate by 10%, it is **52.3181, 11.4662, 25.5100**.

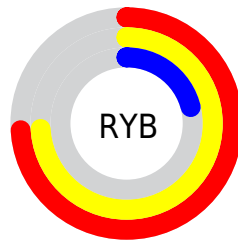
Distribution



Red (74%)

Green (47%)

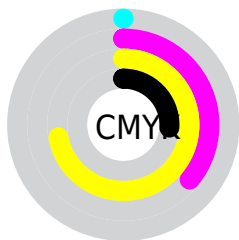
Blue (21%)



Red (74%)

Yellow (74%)

Blue (21%)

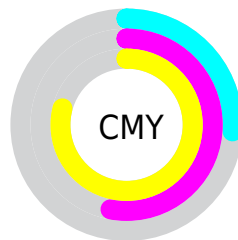


Cyan (0%)

Magenta (36%)

Yellow (72%)

Black (26%)



Cyan (26%)

Magenta (53%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7500, 15.0727, 26.9055 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 49.7500, 15.0727, 26.9055 by changing the saturation by 10% instead.

■ 49.7500, 15.0727,
26.9055

■ 49.7500, 15.0727,
26.9055

166.3130, 16.6939,
54.3160

■ 39.8652, 14.5048,
23.1963

■ 71.5922, 15.9144,
33.7522

■ 30.7376, 13.8263,
19.2397

■ 83.4663, 16.2141,
36.9548

■ 22.4377, 13.0161,
15.7064

■ 95.9327, 16.4423,
40.0435

■ 15.0583, 12.0523,
10.5408

■ 108.9645, 16.6053,
43.0368

■ 8.6974, 11.0868,
6.0882

■ 122.5382, 16.7079,
45.9497

0.0000, INF, NaN

0.0000, NaN, NaN

■ 136.6329, 16.7546,

48.7942

0.0000, NaN, NaN

151.2301, 16.7488,
51.5803

0.0000, NaN, NaN

■ 49.7500, 15.0727,
26.9055

■ 49.7500, 15.0727,
26.9055

■ 47.3555, 18.9821,
27.6081

■ 52.3181, 11.4662,
25.5100

■ 45.1415, 23.1625,
27.6179

■ 55.0444, 8.1890,
23.4486

■ 43.4908, 26.6386,
27.2652

■ 57.9180, 5.2412,
20.7661

■ 60.9276, 2.6151,
17.5130

■ 64.0622, 0.2965,
13.7409

■ 67.3118, -1.7326,
9.4993

■ 70.6675, -3.4919,
4.8343

■ 74.1210, -5.0018,
-0.2124

■ 77.6649, -6.2821,
-5.6033

Harmonies

Analogous

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



49.7513, 35.1804, 20.7796



49.7500, 15.0727, 26.9055



49.7513, -7.0765, 28.0593

Triad

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



49.7513, 15.0699, 26.9060



49.7513, -37.3902, -1.7643



49.7513, 24.1758, -40.4810

Complementary

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



49.7500, 15.0727, 26.9055



42.5498, -1.0882, -40.8848

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.



49.7513, 1.9218, -54.2467



49.7500, 15.0727, 26.9055



49.7513, -31.7504, -26.5512

Square

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



49.7513, 15.0699, 26.9060



49.7513, -35.0756, 16.0615



49.7513, -18.2045, -48.2893



49.7513, 41.0299, -15.8296

Rectangle

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



49.7500, 15.0727, 26.9055



49.7513, -19.6293, 26.6159



49.7513, -18.2045, -48.2893



49.7513, 16.9472, -46.9229

Sweetspot

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



49.7513, 15.0699, 26.9060



85.5646, 0.5121, 18.6014



38.4001, 52.3136, -3.3525



39.1459, 0.6106, 9.2864



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.



49.7513, 15.0699, 26.9060



61.7386, 28.3960, 37.0670



68.8990, -17.3935, 39.2521



32.0987, -1.0433, 3.9188



35.8876, 21.3555, 22.4876



7.9709, 2.3585, 4.9529

Inverse Universe

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



42.5498, -1.0882, -40.8848



50.5409, 4.8950, -69.9239



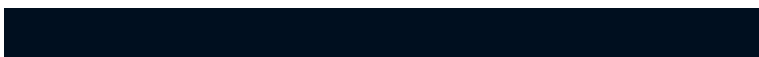
26.4149, 34.3697, -91.1834



31.6104, -2.2380, -0.5783



28.4086, 6.7052, -49.9828



6.6857, -0.5624, -7.1426

Previews

White Background



This preview shows how the HunterLab color 49.7500, 15.0727, 26.9055 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 49.7500, 15.0727, 26.9055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

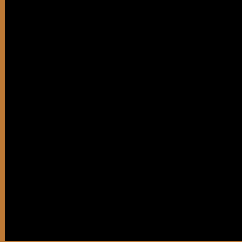
Any Text WCAG AA ✓ Pass

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 49.7500, 15.0727, 26.9055 Background



This preview shows how black text looks on a background with the HunterLab color 49.7500, 15.0727, 26.9055.



This preview shows how white text looks on a background with the HunterLab color 49.7500, 15.0727,

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

49.7500, 15.0727, 26.9055

Protanopia

49.8720, -6.1785, 25.8638

Deuteranopia

49.8533, 3.5332, 27.1924



Tritanopia

49.7767, 25.9308, 9.1948

Trichromacy



Original Color

49.7500, 15.0727, 26.9055

Protanomaly

49.5151, 1.1191, 26.0506

Deuteranomaly

49.8826, 7.7013, 27.1496

Tritanomaly

49.7917, 21.3346, 17.5883

Monochromacy



Original Color

49.7500, 15.0727, 26.9055

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

48.5700, 2.1999, 13.6528

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7500, 15.0727, 26.9055 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(189, 121, 53)` looks like.

```
.text, #text, p{  
    color:rgb(189, 121, 53)  
}
```

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(189, 121, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 121, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7500, 15.0727, 26.9055 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(189, 121, 53) }
```


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

```
.border{ border-color:rgb(189, 121, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 121, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 121, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 121, 53);  
box-shadow:4px 4px 4px 4px rgb(189, 121,  
53) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7500, 15.0727, 26.9055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 121, 53) }
```

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

```
.background{ background-color: rgb(189,  
121, 53) }
```

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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