

Converting Colors

HunterLab(48.9271, 21.9277,
15.3673)

Have a look what the booklet for
HunterLab(48.9271, 21.9277,
15.3673) contains.

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Color

**HunterLab(49.0302, 21.6509,
15.3904)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BD7366 |
| RGB | 189, 115, 102 |
| RGB Percent | 74%, 45%, 40% |
| CMY | 0.2588, 0.5490, 0.6000 |
| CMYK | 0.00, 0.39, 0.46, 0.26 |
| HSL | 9°, 40%, 57% |
| HSV | 9°, 46%, 74% |
| XYZ | 29.5153, 24.0396, 15.6549 |
| YIQ | 135.6440, 48.2770, 11.6450 |

Conversions

Conversions Part 2

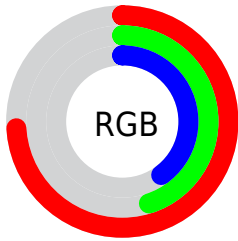
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 189, 117, 102 |
| Decimal | 12415846 |
| CIE Lab | 56.13, 27.69, 19.58 |
| CIE LCh | 56, 33.917, 35.267 |
| Yxy | 24.0408, 0.4265, 0.3474 |
| Android (android.graphics.Color) | 4290605926 (0xFFBD7366) |
| YUV | 135.6440, -16.5865, 46.7932 |
| Hunter-Lab | 49.0302, 21.6509, 15.3904 |

Details

The HunterLab color **49.0302, 21.6509, 15.3904** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **61.2763, -19.2910, -9.1629**, and the grayscale version is **49.5287, -2.6427, 2.6910**.

A 20% lighter version of the original color is **70.8954, 23.1327, 18.8868**, and **30.2635, 19.6495, 11.9111** is the 20% darker color. If you saturate the color by 10%, you get **45.1170, 27.8943, 17.5079**, and if you desaturate by 10%, it is **53.3395, 15.6123, 13.0690**.

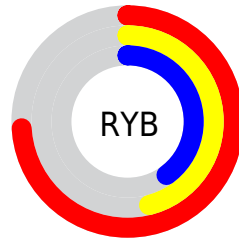
Distribution



Red (74%)

Green (45%)

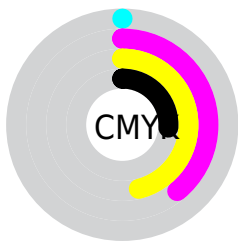
Blue (40%)



Red (74%)

Yellow (46%)

Blue (40%)

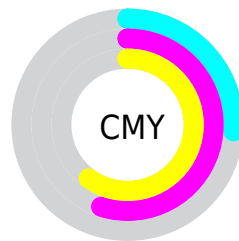


Cyan (0%)

Magenta (39%)

Yellow (46%)

Black (26%)



Cyan (26%)

Magenta (55%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.0302, 21.6509, 15.3904 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 49.0302, 21.6509, 15.3904 by changing the saturation by 10% instead.

■ 49.0302, 21.6509,
15.3904

■ 49.0302, 21.6509,
15.3904

165.2352, 25.8387,
29.8793

■ 39.1968, 20.7433,
13.6292

■ 70.7791, 23.1341,
18.7547

■ 30.1250, 19.7126,
11.7834

■ 82.6103, 23.7366,
20.3846

■ 21.8866, 18.5414,
9.8153

■ 95.0359, 24.2572,
21.9925

■ 14.5764, 17.2212,
7.8646

■ 108.0287, 24.7026,
23.5846

■ 8.2370, 16.3037,
5.7659

121.5650, 25.0788,
25.1660

0.0000, INF, NaN

0.0000, NaN, NaN

135.6236, 25.3908,

26.7403

0.0000, NaN, NaN

150.1860, 25.6429,
28.3106

0.0000, NaN, NaN

■ 49.0302, 21.6509,
15.3904

■ 49.0302, 21.6509,
15.3904

■ 45.1170, 27.8943,
17.5079

■ 53.3395, 15.6123,
13.0690

■ 41.6602, 34.2097,
19.3238

■ 57.9846, 9.8515,
10.6113

■ 38.7284, 40.3523,
20.7233


■ 62.9188, 4.3827,
8.0659


■ 36.3830, 45.9733,
21.5927


■ 68.1026, -0.8044,
5.4639


■ 34.6637, 50.6579,
21.8780


■ 73.5036, -5.7334,
2.8249

 34.1486, 52.1401,
21.9550

 79.0952, -10.4328,
0.1607

 84.8557, -14.9314,
-2.5216

 90.7673, -19.2565,
-5.2182

 94.6355, -24.5327,
-1.3881

Harmonies

Analogous

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



49.0314, 27.5429, 4.9873



49.0302, 21.6509, 15.3904



49.0314, 9.2997, 20.8458

Triad

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



49.0314, 21.6483, 15.3912



49.0314, -24.9772, 12.3151



49.0314, -0.0945, -30.7579

Complementary

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



49.0302, 21.6509, 15.3904



61.2763, -19.2910, -9.1629

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.



49.0314, -13.4975, -27.1618



49.0302, 21.6509, 15.3904



49.0314, -26.8905, 0.2315

Square

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



49.0314, 21.6483, 15.3912



49.0314, -17.3688, 19.4551



49.0314, -22.9261, -14.7628



49.0314, 14.1115, -23.5344

Rectangle

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



49.0302, 21.6509, 15.3904



49.0314, -0.3521, 22.0994



49.0314, -22.9261, -14.7628



49.0314, -4.8451, -30.7920

Sweetspot

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



49.0314, 21.6483, 15.3912



85.4336, 4.5837, 10.1699



48.4892, 39.2508, -20.5501



38.9367, 2.8367, 5.0622



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.



49.0314, 21.6483, 15.3912



60.4542, 37.2028, 23.3903



59.9383, 0.7055, 24.5114



31.2416, 0.4182, 2.9816



28.1380, 42.3580, 18.0800



6.2002, 6.5023, 3.9344

Inverse Universe

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



61.2763, -19.2910, -9.1629



79.7372, -28.1953, -15.4749



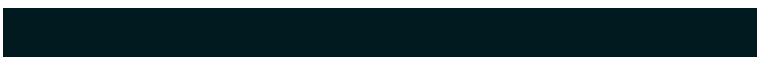
48.4992, 0.4261, -28.9634



32.4960, -3.6751, 0.4877



44.3304, -18.1054, -16.3248



9.1475, -4.0649, -2.6586

Previews

White Background



This preview shows how the HunterLab color 49.0302, 21.6509, 15.3904 looks on a white background.

Color Contrast Check

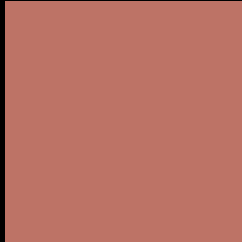
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.0302, 21.6509, 15.3904 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 49.0302, 21.6509, 15.3904 Background



This preview shows how black text looks on a background with the HunterLab color 49.0302, 21.6509, 15.3904.



This preview shows how white text looks on a background with the HunterLab color 49.0302, 21.6509,

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

49.0302, 21.6509, 15.3904

Protanopia

49.3105, -3.5388, 12.2405

Deuteranopia

49.0662, 3.6259, 16.0338



Tritanopia

49.0359, 26.0547, 8.8000

Trichromacy



Original Color

49.0302, 21.6509, 15.3904

Protanomaly

48.9843, 5.0980, 13.1010

Deuteranomaly

48.9830, 10.1293, 15.7669

Tritanomaly

48.9615, 24.3364, 11.3181

Monochromacy



Original Color

49.0302, 21.6509, 15.3904

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

48.8489, 5.4102, 7.0506

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0302, 21.6509, 15.3904 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, 115, 102)` looks like.

```
.text, #text, p{  
    color:rgb(189, 115, 102)  
}
```

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, 115, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 115, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0302, 21.6509, 15.3904 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, 115, 102) }
```


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

```
.border{ border-color:rgb(189, 115, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 115, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 115, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 115, 102);  
box-shadow:4px 4px 4px 4px rgb(189, 115,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.0302, 21.6509, 15.3904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 115, 102) }
```

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

```
.background{ background-color: rgb(189,  
115, 102) }
```

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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