

Converting Colors

HunterLab(48.3284, 19.7941,
21.3502)

Have a look what the booklet for
HunterLab(48.3284, 19.7941,
21.3502) contains.

HunterLab(48.3772, 20.0506, 21.3272)	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(48.3772, 20.0506,
21.3272)**

Conversions

Conversions Part 1

Format	Color
Hex	BD724E
RGB	189, 114, 78
RGB Percent	74%, 45%, 31%
CMY	0.2588, 0.5529, 0.6941
CMYK	0.00, 0.40, 0.59, 0.26
HSL	19°, 46%, 52%
HSV	19°, 59%, 74%
XYZ	28.3788, 23.4035, 10.2293
YIQ	132.3210, 56.2560, 4.7040

Conversions

Conversions Part 2

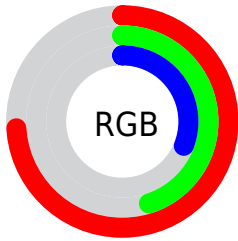
Format	Color
RYB	189, 131, 78
Decimal	12415566
CIELab	55.49, 26.06, 32.33
CIELCh	55, 41.524, 51.135
Yxy	23.4047, 0.4576, 0.3774
Android (android.graphics.Color)	4290605646 (0xFFBD724E)
YUV	132.3210, -26.7803, 49.7075
Hunter-Lab	48.3772, 20.0506, 21.3272

Details

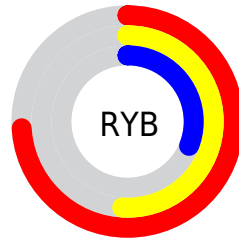
The HunterLab color **48.3772, 20.0506, 21.3272** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **52.9857, -12.8238, -21.4472**, and the grayscale version is **48.2500, -2.5745, 2.6215**.

A 20% lighter version of the original color is **70.1088, 20.9737, 26.2972**, and **29.6486, 18.3546, 15.8580** is the 20% darker color. If you saturate the color by 10%, you get **45.2646, 25.1111, 22.8937**, and if you desaturate by 10%, it is **51.7694, 15.2553, 19.2426**.

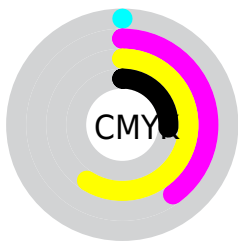
Distribution



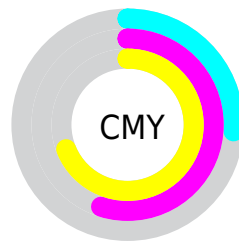
- Red (74%)
- Green (45%)
- Blue (31%)



- Red (74%)
- Yellow (51%)
- Blue (31%)



- Cyan (0%)
- Magenta (40%)
- Yellow (59%)
- Black (26%)



- Cyan (26%)
- Magenta (55%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.3772, 20.0506, 21.3272 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 48.3772, 20.0506, 21.3272 by changing the saturation by 10% instead.

■ 48.3772, 20.0506,
21.3272

■ 48.3772, 20.0506,
21.3272

164.2550, 23.7075,
41.7578

■ 38.5910, 19.2098,
18.6497

■ 70.0407, 21.4044,
26.3071

■ 29.5704, 18.2468,
15.7934

■ 81.8328, 21.9449,
28.6611

■ 21.3884, 17.1429,
12.7216

■ 94.2211, 22.4051,
30.9489

■ 14.1418, 15.8859,
9.8993

■ 107.1783, 22.7918,
33.1833

■ 7.7937, 15.4652,
5.4556

■ 120.6803, 23.1108,
35.3741

0.0000, INF, NaN

0.0000, NaN, NaN

134.7060, 23.3670,

37.5295

0.0000, NaN, NaN

149.2366, 23.5647,
39.6556

0.0000, NaN, NaN

■ 48.3772, 20.0506,
21.3272

■ 48.3772, 20.0506,
21.3272

■ 45.2646, 25.1111,
22.8937

■ 51.7694, 15.2553,
19.2426

■ 42.4614, 30.3712,
23.8679

■ 55.4061, 10.7675,
16.7131

■ 40.0016, 35.7005,
24.2004

■ 59.2606, 6.5907,
13.8086

■ 37.9092, 40.8877,
23.9674

■ 63.3079, 2.7148,
10.5889

■ 37.6682, 41.5140,
23.9378

■ 67.5269, -0.8798,
7.1035

■ 71.8993, -4.2169,
3.3931

■ 76.4094, -7.3215,
-0.5097

■ 81.0441, -10.2181,
-4.5785

■ 85.7919, -12.9292,
-8.7922

Harmonies

Analogous

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



48.3784, 32.4198, 12.6885



48.3772, 20.0506, 21.3272



48.3784, 2.6364, 24.5921

Triad

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



48.3784, 20.0478, 21.3279



48.3784, -31.1985, 7.2495



48.3784, 9.9717, -37.0299

Complementary

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



48.3772, 20.0506, 21.3272



52.9857, -12.8238, -21.4472

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.



48.3784, -7.5919, -40.0893



48.3772, 20.0506, 21.3272



48.3784, -29.8071, -10.1870

Square

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



48.3784, 20.0478, 21.3279



48.3784, -25.8048, 18.5482



48.3784, -21.6944, -28.9558



48.3784, 26.0590, -21.6557

Rectangle

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



48.3772, 20.0506, 21.3272



48.3784, -8.8271, 24.4950



48.3784, -21.6944, -28.9558



48.3784, 3.9928, -39.7040

Sweetspot

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



48.3784, 20.0478, 21.3279



84.9687, 3.4131, 13.9720



43.1229, 46.7733, -14.5526



38.6574, 2.2630, 7.0822



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.



48.3784, 20.0478, 21.3279



59.6407, 35.2697, 31.0252



62.9402, -6.6750, 31.8767



31.6673, -0.3125, 3.4499



31.0993, 33.4877, 19.7495



7.0753, 4.2901, 4.4349

Inverse Universe

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



52.9857, -12.8238, -21.4472



66.7102, -16.4657, -35.8170



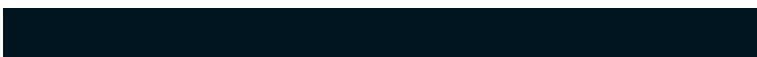
37.5434, 13.8317, -52.6547



32.0524, -2.9599, -0.0426



35.9853, -6.3328, -31.3079



7.8821, -2.3731, -4.7291

Previews

White Background



This preview shows how the HunterLab color 48.3772, 20.0506, 21.3272 looks on a white background.

Color Contrast Check

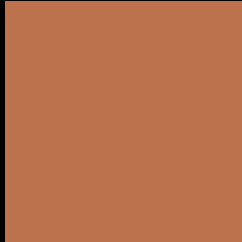
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.3772, 20.0506, 21.3272 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 48.3772, 20.0506, 21.3272 Background



This preview shows how black text looks on a background with the HunterLab color 48.3772, 20.0506, 21.3272.



This preview shows how white text looks on a background with the HunterLab color 48.3772, 20.0506,

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

48.3772, 20.0506, 21.3272

Protanopia

48.4259, -4.7424, 19.2344

Deuteranopia

48.4492, 3.5023, 21.7694



Tritanopia

48.4026, 27.4707, 9.6912

Trichromacy



Original Color

48.3772, 20.0506, 21.3272

Protanomaly

48.0708, 3.8132, 19.8420

Deuteranomaly

48.1783, 9.3399, 21.4363

Tritanomaly

48.3989, 24.5379, 14.5332

Monochromacy



Original Color

48.3772, 20.0506, 21.3272

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

47.5493, 4.6138, 10.2662

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.3772, 20.0506, 21.3272 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, 114, 78)` looks like.

```
.text, #text, p{  
    color:rgb(189, 114, 78)  
}
```

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, 114, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 114, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 48.3772, 20.0506, 21.3272 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, 114, 78) }
```


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

```
.border{ border-color:rgb(189, 114, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 114, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 114, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 114, 78);  
box-shadow:4px 4px 4px 4px rgb(189, 114,  
78) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.3772, 20.0506, 21.3272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 114, 78) }
```

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

```
.background{ background-color: rgb(189,  
114, 78) }
```

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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