

Converting Colors

HunterLab(48.6799, 8.8010,
20.7355)

Have a look what the booklet for
HunterLab(48.6799, 8.8010,
20.7355) contains.

HunterLab(48.7648, 8.7570, 20.7372)	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(48.7648, 8.7570,
20.7372)**

Conversions

Conversions Part 1

Format	Color
Hex	AC7C51
RGB	172, 124, 81
RGB Percent	67%, 49%, 32%
CMY	0.3255, 0.5137, 0.6823
CMYK	0.00, 0.28, 0.53, 0.33
HSL	28°, 36%, 50%
HSV	28°, 53%, 67%
XYZ	25.7061, 23.7801, 11.0197
YIQ	133.4500, 42.4110, -3.1970

Conversions

Conversions Part 2

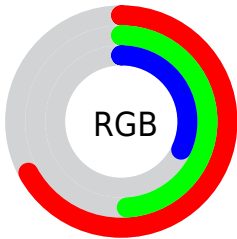
Format	Color
R_{YB}	172, 163, 81
Decimal	11304017
CIE _{Lab}	55.87, 13.57, 30.71
CIE _{LCh}	56, 33.572, 66.152
Yxy	23.7812, 0.4248, 0.3930
Android (android.graphics.Color)	4289494097 (0xFFAC7C51)
YUV	133.4500, -25.8578, 33.8084
Hunter-Lab	48.7648, 8.7570, 20.7372

Details

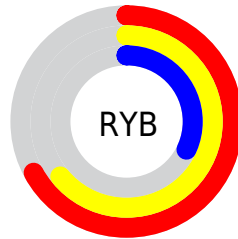
The HunterLab color $48.7648, 8.7570, 20.7372$ is a dark color, and the websafe version is hex 996633 . A complement of this color would be $45.1968, -5.2817, -23.4422$, and the grayscale version is $48.6965, -2.5983, 2.6458$.

A 20% lighter version of the original color is $70.6442, 8.9057, 25.6649$, and $29.8922, 8.3324, 15.4114$ is the 20% darker color. If you saturate the color by 10%, you get $46.2436, 11.9299, 22.5230$, and if you desaturate by 10%, it is $51.4318, 5.8713, 18.4165$.

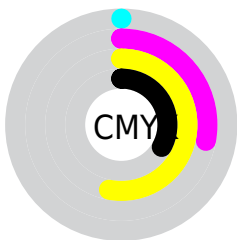
Distribution



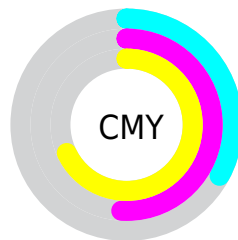
- Red (67%)
- Green (49%)
- Blue (32%)



- Red (67%)
- Yellow (64%)
- Blue (32%)



- Cyan (0%)
- Magenta (28%)
- Yellow (53%)
- Black (33%)



- Cyan (33%)
- Magenta (51%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7648, 8.7570, 20.7372 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 48.7648, 8.7570, 20.7372 by changing the saturation by 10% instead.

■ 48.7648, 8.7570,
20.7372

■ 48.7648, 8.7570,
20.7372

164.8370, 7.8376,
40.3735

■ 38.9505, 8.5328,
18.1839

■ 70.4790, 8.9583,
25.4990

■ 29.8995, 8.2148,
15.4645

■ 82.2944, 8.9573,
27.7558

■ 21.6839, 7.7830,
12.5225

■ 94.7049, 8.8963,
29.9525

■ 14.3995, 7.2124,
10.0796

■ 107.6832, 8.7802,
32.1012

■ 8.0600, 7.0096,
5.6420

■ 121.2056, 8.6130,
34.2110

0.0000, NaN, NaN

0.0000, NaN, NaN

135.2509, 8.3983,

36.2892

0.0000, NaN, NaN

149.8003, 8.1390,
38.3418

0.0000, NaN, NaN

■ 48.7648, 8.7570,
20.7372

■ 48.7648, 8.7570,
20.7372

■ 46.2436, 11.9299,
22.5230

■ 51.4318, 5.8713,
18.4165

■ 43.8773, 15.3914,
23.7292

■ 54.2290, 3.2743,
15.6069

■ 41.6796, 19.1178,
24.3267

■ 57.1464, 0.9513,
12.3570

■ 39.6622, 23.0650,
24.3138

■ 60.1740, -1.1137,
8.7118

■ 38.3374, 25.9215,
24.0771

■ 63.3025, -2.9390,
4.7128

■ 66.5237, -4.5430,
0.3970

■ 69.8303, -5.9442,
-4.2029

■ 73.2158, -7.1599,
-9.0584

■ 76.6744, -8.2064,
-14.1445

Harmonies

Analogous

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



48.7660, 21.0716, 15.4656



48.7648, 8.7570, 20.7372



48.7660, -5.4539, 21.8578

Triad

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



48.7660, 8.7547, 20.7378



48.7660, -26.5709, -0.1680



48.7660, 14.3001, -22.8570

Complementary

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



48.7648, 8.7570, 20.7372



45.1968, -5.2817, -23.4422

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.



48.7660, 0.3115, -30.2554



48.7648, 8.7570, 20.7372



48.7660, -22.4795, -14.9822

Square

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



48.7660, 8.7547, 20.7378



48.7660, -24.8492, 11.9084



48.7660, -13.0109, -27.0280



48.7660, 24.5172, -8.8661

Rectangle

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



48.7648, 8.7570, 20.7372



48.7660, -13.9032, 20.4903



48.7660, -13.0109, -27.0280



48.7660, 9.8265, -26.3536

Sweetspot

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



48.7660, 8.7547, 20.7378



79.6544, -0.5972, 13.4497



40.3174, 35.4969, -5.3518



36.7560, -0.0238, 6.7261



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



48.7660, 8.7547, 20.7378



61.8844, 16.6182, 30.5779



61.4233, -12.5200, 30.1151



29.3532, -0.8606, 3.5021



33.2353, 21.9715, 20.8641



6.4605, 1.6830, 4.0104

Inverse Universe

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



45.1968, -5.2817, -23.4422



56.1768, -5.4134, -40.2085



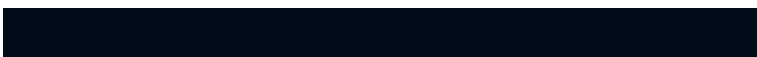
33.2775, 16.9288, -48.7365



29.0346, -2.1483, -0.4284



28.0345, 4.1865, -44.0781



5.7197, -1.0559, -4.8696

Previews

White Background



This preview shows how the HunterLab color 48.7648, 8.7570, 20.7372 looks on a white background.

Color Contrast Check

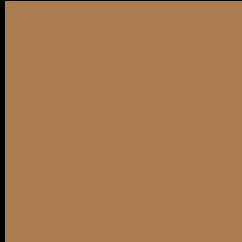
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.7648, 8.7570, 20.7372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

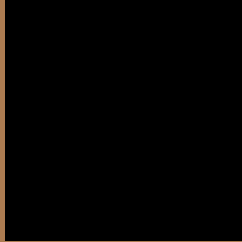
Any Text WCAG AA ✓ Pass

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 48.7648, 8.7570, 20.7372 Background



This preview shows how black text looks on a background with the HunterLab color 48.7648, 8.7570, 20.7372.



This preview shows how white text looks on a background with the HunterLab color 48.7648, 8.7570,

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

48.7648, 8.7570, 20.7372

Protanopia

48.8027, -4.8690, 19.5456

Deuteranopia

48.7894, 3.4174, 20.9008



Tritanopia

48.7024, 18.1771, 5.8848

Trichromacy



Original Color

48.7648, 8.7570, 20.7372

Protanomaly

48.5530, -0.0414, 19.6751

Deuteranomaly

48.8517, 4.9921, 20.9785

Tritanomaly

48.6546, 14.6808, 12.2613

Monochromacy



Original Color

48.7648, 8.7570, 20.7372

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.3562, 0.4717, 10.2860

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.7648, 8.7570, 20.7372 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(172, 124, 81)` looks like.

```
.text, #text, p{  
    color:rgb(172, 124, 81)  
}
```

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(172, 124, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 124, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 48.7648, 8.7570, 20.7372 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(172, 124, 81) }
```


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

```
.border{ border-color:rgb(172, 124, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 124, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 124, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 124, 81);  
box-shadow:4px 4px 4px 4px rgb(172, 124,  
81) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.7648, 8.7570, 20.7372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 124, 81) }
```

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

```
.background{ background-color: rgb(172,  
124, 81) }
```

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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