

Converting Colors

HunterLab(48.9155, 2.5363,
16.4708)

Have a look what the booklet for
HunterLab(48.9155, 2.5363,
16.4708) contains.

HunterLab(48.8187, 2.7171, 16.3944)	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(48.8187, 2.7171,
16.3944)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8161
RGB	158, 129, 97
RGB Percent	62%, 51%, 38%
CMY	0.3804, 0.4941, 0.6196
CMYK	0.00, 0.18, 0.39, 0.38
HSL	31°, 24%, 50%
HSV	31°, 39%, 62%
XYZ	24.1085, 23.8327, 14.6388
YIQ	134.0230, 27.5560, -3.8040

Conversions

Conversions Part 2

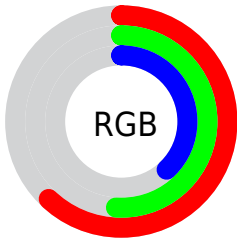
Format	Color
R_{YB}	152, 158, 97
Decimal	10387809
CIE _{Lab}	55.92, 6.50, 21.54
CIE _{LCh}	56, 22.503, 73.202
Yxy	23.8338, 0.3852, 0.3808
Android (android.graphics.Color)	4288577889 (0xFF9E8161)
YUV	134.0230, -18.2523, 21.0278
Hunter-Lab	48.8187, 2.7171, 16.3944

Details

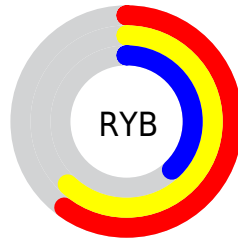
The HunterLab color $48.8187, 2.7171, 16.3944$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $44.6442, -3.9116, -15.5185$, and the grayscale version is $48.8982, -2.6091, 2.6567$.

A 20% lighter version of the original color is $70.6330, 2.2564, 20.0455$, and $29.9514, 2.8315, 12.5320$ is the 20% darker color. If you saturate the color by 10%, you get $46.5416, 4.8107, 18.7956$, and if you desaturate by 10%, it is $51.1962, 0.8725, 13.5374$.

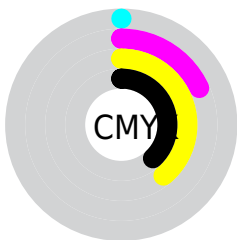
Distribution



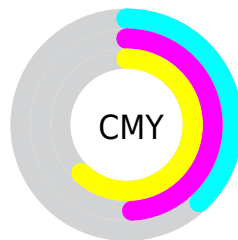
- Red (62%)
- Green (51%)
- Blue (38%)



- Red (60%)
- Yellow (62%)
- Blue (38%)



- Cyan (0%)
- Magenta (18%)
- Yellow (39%)
- Black (38%)



- Cyan (38%)
- Magenta (49%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.8187, 2.7171, 16.3944 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 48.8187, 2.7171, 16.3944 by changing the saturation by 10% instead.

■ 48.8187, 2.7171,
16.3944

■ 48.8187, 2.7171,
16.3944

164.9179, -0.9140,
31.7706

■ 39.0005, 2.8724,
14.4957

■ 70.5399, 2.2227,
19.9999

■ 29.9452, 2.9595,
12.4973

■ 82.3585, 1.8987,
21.7379

■ 21.7250, 2.9642,
10.3568

■ 94.7720, 1.5288,
23.4472

■ 14.4353, 2.8684,
8.4085

■ 107.7533, 1.1160,
25.1352

■ 8.0962, 3.0677,
5.6674

121.2785, 0.6631,
26.8075

0.0000, NaN, NaN

0.0000, NaN, NaN

135.3265, 0.1726,

28.4687

0.0000, NaN, NaN

149.8786, -0.3537,
30.1221

0.0000, NaN, NaN

■ 48.8187, 2.7171,
16.3944

■ 48.8187, 2.7171,
16.3944

■ 46.5416, 4.8107,
18.7956

■ 51.1962, 0.8725,
13.5374

■ 44.3691, 7.1673,
20.7010

■ 53.6634, -0.7297,
10.2612

■ 42.3104, 9.7873,
22.0771

■ 56.2148, -2.1055,
6.6036

■ 40.3731, 12.6641,
22.8990

■ 58.8442, -3.2702,
2.5996

■ 38.5647, 15.7779,
23.1597

■ 61.5460, -4.2389,
-1.7192

■ 36.8854, 19.0656,
22.9608

■ 64.3150, -5.0266,
-6.3238

■ 36.6599, 19.5240,
22.9314

■ 67.1468, -5.6476,
-11.1886

■ 70.0370, -6.1151,
-16.2905

■ 72.9820, -6.4415,
-21.6093

Harmonies

Analogous

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



48.8198, 11.2485, 13.0047



48.8187, 2.7171, 16.3944



48.8198, -6.6591, 16.5846

Triad

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



48.8198, 2.7152, 16.3950



48.8198, -18.9561, -1.4260



48.8198, 10.3640, -11.5774

Complementary

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



48.8187, 2.7171, 16.3944



44.6442, -3.9116, -15.5185

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.



48.8198, 1.5806, -17.1725



48.8187, 2.7171, 16.3944



48.8198, -15.0721, -10.6084

Square

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



48.8198, 2.7152, 16.3950



48.8198, -18.7028, 7.3605



48.8198, -7.7116, -16.7876



48.8198, 15.8877, -2.5658

Rectangle

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



48.8187, 2.7171, 16.3944



48.8198, -12.0972, 14.9447



48.8198, -7.7116, -16.7876



48.8198, 7.6673, -13.9900

Sweetspot

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



48.8198, 2.7152, 16.3950



74.4947, -2.1988, 10.7434



41.6384, 22.1844, -2.2943



35.1739, -0.9393, 5.3855



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



48.8198, 2.7152, 16.3950



63.2336, 5.9759, 24.8220



56.9941, -11.1507, 23.1591



26.8200, -0.9685, 3.2771



32.9288, 17.2016, 20.5917



5.2759, 0.5467, 3.2605

Inverse Universe

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



44.6442, -3.9116, -15.5185



56.4894, -4.5738, -26.9273



36.8997, 10.3345, -29.0576



26.3235, -1.7742, -0.4931



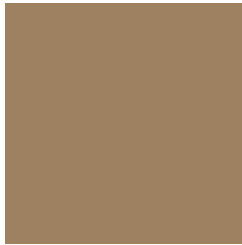
24.6919, 7.4122, -46.8635



4.3958, -0.8984, -3.5550

Previews

White Background



This preview shows how the HunterLab color 48.8187, 2.7171, 16.3944 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 48.8187, 2.7171, 16.3944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

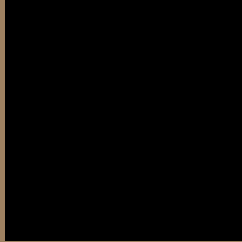
Any Text WCAG AA ✓ Pass

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 48.8187, 2.7171, 16.3944 Background



This preview shows how black text looks on a background with the HunterLab color 48.8187, 2.7171, 16.3944.



This preview shows how white text looks on a background with the HunterLab color 48.8187, 2.7171,

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

48.8187, 2.7171, 16.3944

Protanopia

48.8675, -4.1395, 15.7174

Deuteranopia

48.9229, 3.0677, 16.4940



Tritanopia

48.8036, 11.1924, 2.8680

Trichromacy



Original Color

48.8187, 2.7171, 16.3944

Protanomaly

48.7585, -1.6748, 15.9643

Deuteranomaly

48.9229, 3.0677, 16.4940

Tritanomaly

48.8664, 8.0324, 8.3041

Monochromacy



Original Color

48.8187, 2.7171, 16.3944

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

48.7059, -0.8332, 7.9777

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.8187, 2.7171, 16.3944 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(158, 129, 97)` looks like.

```
.text, #text, p{  
    color:rgb(158, 129, 97)  
}
```

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(158, 129, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 129, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 48.8187, 2.7171, 16.3944 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(158, 129, 97) }
```


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

```
.border{ border-color:rgb(158, 129, 97) }
```

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

Here you see how a box with a 4 pixel rgb(158, 129, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 129, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 129, 97);  
box-shadow:4px 4px 4px 4px rgb(158, 129,  
97) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.8187, 2.7171, 16.3944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 129, 97) }
```

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

```
.background{ background-color: rgb(158,  
129, 97) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor