

Converting Colors

HunterLab(63.3286, 0.4764,
17.6399)

Have a look what the booklet for
HunterLab(63.3286, 0.4764,
17.6399) contains.

HunterLab(63.3230, 0.5170, 17.5666)	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(63.3230, 0.5170,
17.5666)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA687
RGB	191, 166, 135
RGB Percent	75%, 65%, 53%
CMY	0.2510, 0.3490, 0.4706
CMYK	0.00, 0.13, 0.29, 0.25
HSL	33°, 30%, 64%
HSV	33°, 29%, 75%
XYZ	39.4952, 40.0980, 28.5797
YIQ	169.9410, 24.8510, -4.3410

Conversions

Conversions Part 2

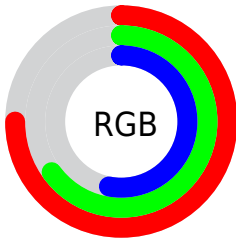
Format	Color
RYB	180, 191, 135
Decimal	12560007
CIELab	69.54, 4.41, 19.43
CIELCh	70, 19.921, 77.224
Yxy	40.0999, 0.3651, 0.3707
Android (android.graphics.Color)	4290750087 (0xFFBFA687)
YUV	169.9410, -17.2259, 18.4687
Hunter-Lab	63.3230, 0.5170, 17.5666

Details

The HunterLab color $63.3230, 0.5170, 17.5666$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $58.3550, -4.3413, -14.1979$, and the grayscale version is $63.4402, -3.3850, 3.4468$.

A 20% lighter version of the original color is $86.7757, -0.3677, 20.9571$, and $42.4369, 1.3367, 14.1654$ is the 20% darker color. If you saturate the color by 10%, you get $60.5075, 2.5875, 21.1686$, and if you desaturate by 10%, it is $66.2497, -1.2499, 13.4010$.

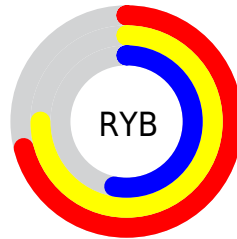
Distribution



Red (75%)

Green (65%)

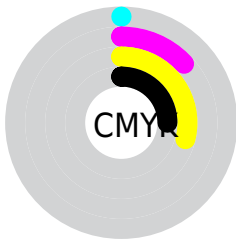
Blue (53%)



Red (71%)

Yellow (75%)

Blue (53%)

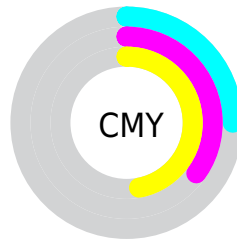


Cyan (0%)

Magenta (13%)

Yellow (29%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.3230, 0.5170, 17.5666 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 63.3230, 0.5170, 17.5666 by changing the saturation by 10% instead.

■ 63.3230, 0.5170,
17.5666

■ 63.3230, 0.5170,
17.5666

186.1570, -4.3942,
31.8220

■ 52.5513, 0.8611,
15.8901

■ 86.7845, -0.3163,
20.8209

■ 42.4696, 1.1553,
14.1609

■ 99.4065, -0.7942,
22.4150

■ 33.1306, 1.3909,
12.3586

■ 112.5873, -1.3102,
23.9956

■ 24.5986, 1.5595,
10.4505

126.3040, -1.8620,
25.5671

■ 16.9590, 1.6485,
8.3838

140.5365, -2.4478,
27.1330

■ 10.3314, 1.6377,
7.2320

155.2668, -3.0660,

0.0000, INF, NaN

28.6960

0.0000, NaN, NaN

170.4786, -3.7153,
30.2584

0.0000, NaN, NaN

■ 63.3230, 0.5170,
17.5666

■ 63.3230, 0.5170,
17.5666

■ 60.5075, 2.5875,
21.1686

■ 66.2497, -1.2499,
13.4010

■ 57.8067, 4.9826,
24.1577

■ 69.2757, -2.7236,
8.7158

■ 55.2303, 7.7096,
26.4902

■ 72.3955, -3.9249,
3.5559

■ 52.7867, 10.7708,
28.1287

■ 75.6026, -4.8725,
-2.0372

■ 50.4837, 14.1574,
29.0499

■ 78.8912, -5.5847,
-8.0259

■ 48.3282, 17.8449,
29.2569

■ 82.2558, -6.0793,
-14.3758

■ 46.3194, 21.7603,
28.8749

■ 85.1566, -9.3251,
-13.5604

■ 46.1868, 22.0284,
28.8457

■ 87.8979, -13.6622,
-9.8929

■ 90.6852, -17.9490,
-6.2891

Harmonies

Analogous

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



63.3245, 8.8833, 14.4404



63.3230, 0.5170, 17.5666



63.3245, -8.4566, 17.3158

Triad

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



63.3245, 0.5148, 17.5675



63.3245, -19.1715, -1.6570



63.3245, 9.9134, -8.8667

Complementary

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



63.3230, 0.5170, 17.5666



58.3550, -4.3413, -14.1979

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.



63.3245, 1.8571, -14.5046



63.3230, 0.5170, 17.5666



63.3245, -14.7799, -9.9576

Square

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



63.3245, 0.5148, 17.5675



63.3245, -19.4858, 7.0018



63.3245, -7.1873, -14.9298



63.3245, 14.5110, -0.3268

Rectangle

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



63.3230, 0.5170, 17.5666



63.3245, -13.5759, 15.2696



63.3245, -7.1873, -14.9298



63.3245, 7.5000, -11.2132

Sweetspot

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



63.3245, 0.5148, 17.5675



92.7831, -3.6764, 11.5478



55.6325, 19.7963, -0.9153



43.1950, -1.5981, 5.8645



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



63.3245, 0.5148, 17.5675



82.3778, 2.3689, 26.6081



70.5179, -12.5557, 23.9605



32.2312, -1.2657, 4.0616



37.6590, 17.3845, 23.5096



8.2718, 1.7660, 5.1279

Inverse Universe

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



58.3550, -4.3413, -14.1979



74.3849, -5.3524, -24.6227



51.4551, 8.8787, -24.9337



31.4763, -2.0170, -0.7424



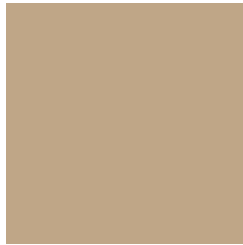
26.3133, 10.9757, -56.5826



6.3388, 0.0181, -7.9621

Previews

White Background



This preview shows how the HunterLab color 63.3230, 0.5170, 17.5666 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 63.3230, 0.5170, 17.5666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

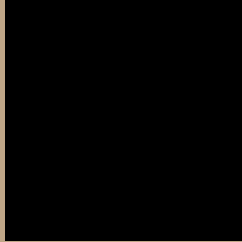
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 63.3230, 0.5170, 17.5666 Background



This preview shows how black text looks on a background with the HunterLab color 63.3230, 0.5170, 17.5666.



This preview shows how white text looks on a background with the HunterLab color 63.3230, 0.5170,

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

63.3230, 0.5170, 17.5666

Protanopia

63.4499, -4.9429, 16.8957

Deuteranopia

63.2279, 4.6186, 17.1998



Tritanopia

63.3316, 9.7826, 2.1838

Trichromacy



Original Color

63.3230, 0.5170, 17.5666

Protanomaly

63.5168, -3.2423, 17.3395

Deuteranomaly

63.1907, 3.0435, 17.1363

Tritanomaly

63.3774, 6.2638, 8.4770

Monochromacy



Original Color

63.3230, 0.5170, 17.5666

Achromatopsia

63.4017, -3.3830, 3.4447

Achromatomaly

63.4628, -2.3954, 9.2626

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.3230, 0.5170, 17.5666 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(191, 166, 135)` looks like.

```
.text, #text, p{  
    color:rgb(191, 166, 135)  
}
```

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(191, 166, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 166, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 63.3230, 0.5170, 17.5666 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(191, 166, 135) }
```


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

```
.border{ border-color:rgb(191, 166, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 166, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 166, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 166, 135); box-shadow:4px 4px 4px 4px rgb(191, 166, 135) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.3230, 0.5170, 17.5666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 166, 135) }
```

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

```
.background{ background-color: rgb(191,  
166, 135) }
```

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