

Converting Colors

HunterLab(51.3338, 4.0201,
20.2705)

Have a look what the booklet for
HunterLab(51.3338, 4.0201,
20.2705) contains.

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Color

**HunterLab(51.3338, 4.0201,
20.2705)**

Conversions

Conversions Part 1

Format	Color
Hex	AA865B
RGB	170, 134, 91
RGB Percent	67%, 53%, 36%
CMY	0.3333, 0.4745, 0.6431
CMYK	0.00, 0.21, 0.46, 0.33
HSL	33°, 32%, 51%
HSV	33°, 46%, 67%
XYZ	26.9910, 26.3516, 13.5613
YIQ	139.8620, 35.2590, -5.7410

Conversions

Conversions Part 2

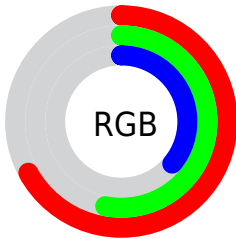
Format	Color
R_{YB}	157, 170, 91
Decimal	11175515
CIE _{Lab}	58.37, 8.09, 28.34
CIE _{LCh}	58, 29.475, 74.074
Yxy	26.3528, 0.4034, 0.3939
Android (android.graphics.Color)	4289365595 (0xFFAA865B)
YUV	139.8620, -24.0890, 26.4310
Hunter-Lab	51.3338, 4.0201, 20.2705

Details

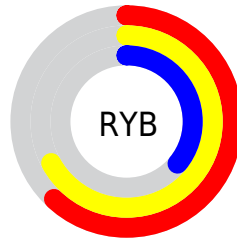
The HunterLab color **51.3338, 4.0201, 20.2705** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **45.0604, -2.9595, -22.3255**, and the grayscale version is **51.2395, -2.7340, 2.7839**.

A 20% lighter version of the original color is **73.3652, 3.8009, 24.5924**, and **31.9930, 4.4222, 15.3754** is the 20% darker color. If you saturate the color by 10%, you get **49.0188, 6.3738, 22.4804**, and if you desaturate by 10%, it is **53.7593, 1.9470, 17.5130**.

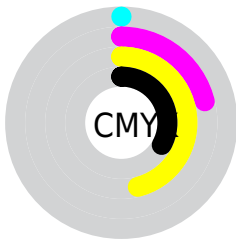
Distribution



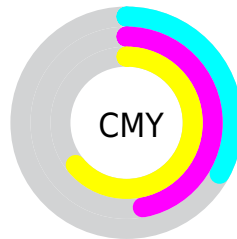
- Red (67%)
- Green (53%)
- Blue (36%)



- Red (62%)
- Yellow (67%)
- Blue (36%)



- Cyan (0%)
- Magenta (21%)
- Yellow (46%)
- Black (33%)



- Cyan (33%)
- Magenta (47%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.3338, 4.0201, 20.2705 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 51.3338, 4.0201, 20.2705 by changing the saturation by 10% instead.

■ 51.3338, 4.0201,
20.2705

■ 51.3338, 4.0201,
20.2705

168.6742, 0.9035,
38.6947

■ 41.3374, 4.1056,
17.9189

■ 73.3782, 3.6552,
24.6882

■ 32.0891, 4.1193,
15.4286

■ 85.3453, 3.3922,
26.7949

■ 23.6567, 4.0466,
12.7502

■ 97.9003, 3.0808,
28.8527

■ 16.1284, 3.8691,
10.4342

■ 111.0169, 2.7245,
30.8718

■ 9.6296, 3.5573,
6.7407

124.6719, 2.3263,
32.8599

0.0000, INF, NaN

0.0000, NaN, NaN

138.8451, 1.8887,

34.8233

0.0000, NaN, NaN

153.5180, 1.4138,
36.7668

0.0000, NaN, NaN

■ 51.3338, 4.0201,
20.2705

■ 51.3338, 4.0201,
20.2705

■ 49.0188, 6.3738,
22.4804

■ 53.7593, 1.9470,
17.5130

■ 46.8181, 9.0186,
24.1047

■ 56.2842, 0.1508,
14.2460

■ 44.7407, 11.9483,
25.1177

■ 58.9026, -1.3839,
10.5112

■ 42.7931, 15.1461,
25.5109

■ 61.6079, -2.6727,
6.3484

■ 40.9795, 18.5712,
25.3271

■ 64.3942, -3.7316,
1.7949

■ 40.3661, 19.7969,
25.2200

■ 67.2556, -4.5769,
-3.1148

■ 70.1872, -5.2247,
-8.3493

■ 73.1844, -5.6898,
-13.8802

■ 76.2428, -5.9866,
-19.6823

Harmonies

Analogous

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



51.3350, 15.6837, 16.2849



51.3338, 4.0201, 20.2705



51.3350, -8.4545, 20.3868

Triad

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



51.3350, 4.0180, 20.2711



51.3350, -24.0287, -3.0798



51.3350, 15.0611, -16.4857

Complementary

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



51.3338, 4.0201, 20.2705



45.0604, -2.9595, -22.3255

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.



51.3350, 3.2321, -24.6838



51.3338, 4.0201, 20.2705



51.3350, -18.8870, -15.7801

Square

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



51.3350, 4.0180, 20.2711



51.3350, -23.8619, 8.6780



51.3350, -9.1691, -24.3984



51.3350, 22.4636, -3.8804

Rectangle

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



51.3338, 4.0201, 20.2705



51.3350, -15.5206, 18.3489



51.3350, -9.1691, -24.3984



51.3350, 11.4237, -19.9691

Sweetspot

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



51.3350, 4.0180, 20.2711



80.1392, -2.2766, 12.9640



41.9326, 29.6599, -2.4528



37.4867, -0.8903, 6.6580



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.



51.3350, 4.0180, 20.2711



65.8622, 8.7699, 30.4211



61.4494, -13.7771, 28.0736



28.6244, -1.0984, 3.5563



34.7834, 16.6226, 21.7244



6.2826, 0.8695, 3.8865

Inverse Universe

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



45.0604, -2.9595, -22.3255



55.7006, -2.1306, -39.1633



35.7003, 15.4020, -40.8915



28.0046, -1.8227, -0.5986



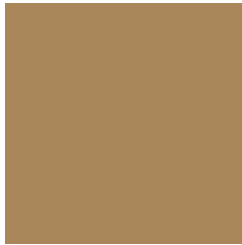
24.8914, 9.2759, -51.1359



5.0371, -0.6379, -4.9190

Previews

White Background



This preview shows how the HunterLab color 51.3338, 4.0201, 20.2705 looks on a white background.

Color Contrast Check

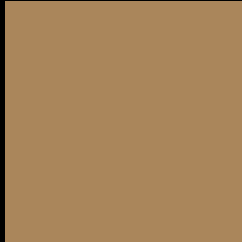
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.3338, 4.0201, 20.2705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

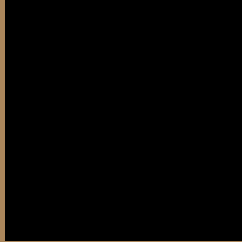
Any Text WCAG AA ✓ Pass

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 51.3338, 4.0201, 20.2705 Background



This preview shows how black text looks on a background with the HunterLab color 51.3338, 4.0201, 20.2705.



This preview shows how white text looks on a background with the HunterLab color 51.3338, 4.0201,

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

51.3338, 4.0201, 20.2705

Protanopia

51.5105, -5.2634, 19.4594

Deuteranopia

51.2255, 3.6574, 20.1733



Tritanopia

51.2562, 13.9485, 4.0146

Trichromacy



Original Color

51.3338, 4.0201, 20.2705

Protanomaly

51.3208, -1.5979, 19.6316

Deuteranomaly

51.2255, 3.6574, 20.1733

Tritanomaly

51.2152, 10.2877, 10.7975

Monochromacy



Original Color

51.3338, 4.0201, 20.2705

Achromatopsia

51.2104, -2.7325, 2.7824

Achromatomaly

51.1482, -0.9932, 10.1567

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3338, 4.0201, 20.2705 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(170, 134, 91)` looks like.

```
.text, #text, p{  
    color:rgb(170, 134, 91)  
}
```

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(170, 134, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 134, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3338, 4.0201, 20.2705 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(170, 134, 91) }
```


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

```
.border{ border-color:rgb(170, 134, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 134, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 134, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 134, 91);  
box-shadow:4px 4px 4px 4px rgb(170, 134,  
91) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.3338, 4.0201, 20.2705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 134, 91) }
```

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

```
.background{ background-color: rgb(170,  
134, 91) }
```

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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