

Converting Colors

HunterLab(51.4835, 3.5545,
17.7618)

Have a look what the booklet for
HunterLab(51.4835, 3.5545,
17.7618) contains.

HunterLab(51.4427, 3.3170, 17.8611)	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(51.4427, 3.3170,
17.8611)**

Conversions

Conversions Part 1

Format	Color
Hex	A78764
RGB	167, 135, 100
RGB Percent	65%, 53%, 39%
CMY	0.3451, 0.4706, 0.6078
CMYK	0.00, 0.19, 0.40, 0.35
HSL	31°, 28%, 52%
HSV	31°, 40%, 65%
XYZ	26.9006, 26.4635, 15.7467
YIQ	140.5780, 30.3070, -4.1010

Conversions

Conversions Part 2

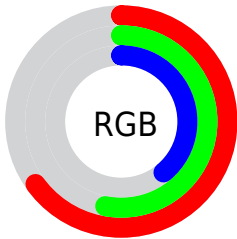
Format	Color
R_{YB}	161, 167, 100
Decimal	10979172
CIE _{Lab}	58.48, 7.27, 23.42
CIE _{LCh}	58, 24.526, 72.765
Yxy	26.4648, 0.3892, 0.3829
Android (android.graphics.Color)	4289169252 (0xFFA78764)
YUV	140.5780, -20.0050, 23.1721
Hunter-Lab	51.4427, 3.3170, 17.8611

Details

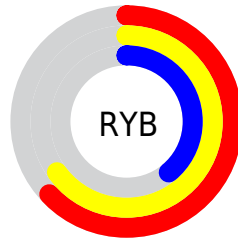
The HunterLab color $51.4427, 3.3170, 17.8611$ is a dark color, and the websafe version is hex $CC9966$. A complement of this color would be $46.9053, -4.1410, -17.3818$, and the grayscale version is $51.5109, -2.7485, 2.7987$.

A 20% lighter version of the original color is $73.4090, 2.8411, 21.6370$, and $32.0387, 3.5527, 13.5712$ is the 20% darker color. If you saturate the color by 10%, you get $49.0214, 5.6174, 20.3333$, and if you desaturate by 10%, it is $53.9737, 1.2855, 14.8946$.

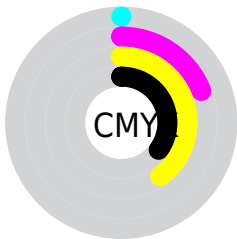
Distribution



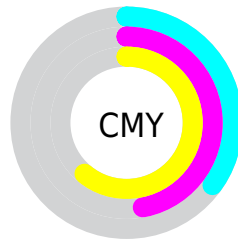
- Red (65%)
- Green (53%)
- Blue (39%)



- Red (63%)
- Yellow (65%)
- Blue (39%)



- Cyan (0%)
- Magenta (19%)
- Yellow (40%)
- Black (35%)



- Cyan (35%)
- Magenta (47%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.4427, 3.3170, 17.8611 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 51.4427, 3.3170, 17.8611 by changing the saturation by 10% instead.

■ 51.4427, 3.3170,
17.8611

■ 51.4427, 3.3170,
17.8611

168.8361, -0.1184,
34.0310

■ 41.4387, 3.4474,
15.8538

■ 73.5009, 2.8702,
21.6692

■ 32.1822, 3.5091,
13.7419

■ 85.4742, 2.5692,
23.5018

■ 23.7408, 3.4884,
11.4842

■ 98.0353, 2.2214,
25.3018

■ 16.2024, 3.3680,
9.1852

■ 111.1576, 1.8303,
27.0769

■ 9.6920, 3.1198,
6.7844

124.8183, 1.3986,
28.8331

0.0000, INF, NaN

0.0000, NaN, NaN

138.9968, 0.9286,

30.5751

0.0000, NaN, NaN

153.6749, 0.4223,
32.3067

0.0000, NaN, NaN

■ 51.4427, 3.3170,
17.8611

■ 51.4427, 3.3170,
17.8611

■ 49.0214, 5.6174,
20.3333

■ 53.9737, 1.2855,
14.8946

■ 46.7145, 8.2009,
22.2685

■ 56.6027, -0.4837,
11.4736

■ 44.5320, 11.0663,
23.6314

■ 59.3236, -2.0077,
7.6393

■ 42.4824, 14.2043,
24.3973

■ 62.1296, -3.3028,
3.4297

■ 40.5734, 17.5900,
24.5637

■ 65.0143, -4.3855,
-1.1204

■ 38.8228, 21.0951,
24.2918

■ 67.9723, -5.2720,
-5.9794

■ 70.9985, -5.9779,
-11.1193

■ 74.0882, -6.5176,
-16.5151

■ 77.2374, -6.9046,
-22.1445

Harmonies

Analogous

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



51.4439, 12.7782, 14.1182



51.4427, 3.3170, 17.8611



51.4439, -7.0935, 18.1174

Triad

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



51.4439, 3.3150, 17.8618



51.4439, -20.8406, -1.5843



51.4439, 11.5523, -13.2215

Complementary

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



51.4427, 3.3170, 17.8611



46.9053, -4.1410, -17.3818

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.



51.4439, 1.7474, -19.4318



51.4427, 3.3170, 17.8611



51.4439, -16.6260, -11.8692

Square

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



51.4439, 3.3150, 17.8618



51.4439, -20.4940, 8.1258



51.4439, -8.5420, -18.8928



51.4439, 17.7872, -3.1635

Rectangle

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



51.4427, 3.3170, 17.8611



51.4439, -13.1327, 16.3701



51.4439, -8.5420, -18.8928



51.4439, 8.5326, -15.9102

Sweetspot

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



51.4439, 3.3150, 17.8618



78.6166, -2.2851, 11.3432



43.5965, 24.7749, -2.5779



36.9753, -0.9658, 5.6735



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



51.4439, 3.3150, 17.8618



66.0003, 7.1120, 26.8360



60.5408, -12.1263, 25.2849



28.5770, -1.0189, 3.5052



34.1059, 18.1263, 21.3332



6.2010, 1.0219, 3.8389

Inverse Universe

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



46.9053, -4.1410, -17.3818



58.7097, -4.6753, -30.0277



38.3120, 11.7506, -32.7641



28.0525, -1.9017, -0.5400



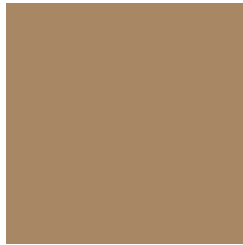
25.6799, 7.6594, -48.6322



5.1325, -0.7881, -4.7139

Previews

White Background



This preview shows how the HunterLab color 51.4427, 3.3170, 17.8611 looks on a white background.

Color Contrast Check

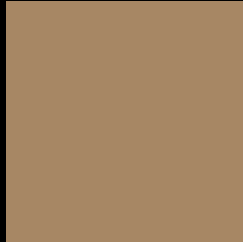
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.4427, 3.3170, 17.8611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

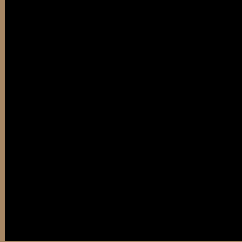
Any Text WCAG AA ✓ Pass

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 51.4427, 3.3170, 17.8611 Background



This preview shows how black text looks on a background with the HunterLab color 51.4427, 3.3170, 17.8611.



This preview shows how white text looks on a background with the HunterLab color 51.4427, 3.3170,

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

51.4427, 3.3170, 17.8611

Protanopia

51.5639, -4.7820, 17.2359

Deuteranopia

51.4427, 3.3170, 17.8611



Tritanopia

51.4943, 12.1814, 3.3768

Trichromacy



Original Color

51.4427, 3.3170, 17.8611

Protanomaly

51.5489, -1.9588, 17.5691

Deuteranomaly

51.4427, 3.3170, 17.8611

Tritanomaly

51.5065, 8.7382, 9.5571

Monochromacy



Original Color

51.4427, 3.3170, 17.8611

Achromatopsia

51.6097, -2.7538, 2.8041

Achromatomaly

51.4350, -1.2518, 8.9190

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4427, 3.3170, 17.8611 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(167, 135, 100)` looks like.

```
.text, #text, p{  
    color:rgb(167, 135, 100)  
}
```

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(167, 135, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 135, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4427, 3.3170, 17.8611 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(167, 135, 100) }
```


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

```
.border{ border-color:rgb(167, 135, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 135, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 135, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 135, 100);  
box-shadow:4px 4px 4px 4px rgb(167, 135,  
100) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.4427, 3.3170, 17.8611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 135, 100) }
```

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

```
.background{ background-color: rgb(167,  
135, 100) }
```

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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