

Converting Colors

HunterLab(51.7318, 3.5517,
13.0020)

Have a look what the booklet for
HunterLab(51.7318, 3.5517,
13.0020) contains.

HunterLab(51.7318, 3.5517, 13.0020)	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(51.7318, 3.5517,
13.0020)**

Conversions

Conversions Part 1

Format	Color
Hex	A48874
RGB	164, 136, 116
RGB Percent	64%, 53%, 45%
CMY	0.3569, 0.4667, 0.5451
CMYK	0.00, 0.17, 0.29, 0.36
HSL	25°, 21%, 55%
HSV	25°, 29%, 64%
XYZ	27.2664, 26.7618, 20.2515
YIQ	142.0920, 23.1080, -0.2840

Conversions

Conversions Part 2

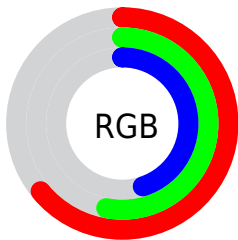
Format	Color
R_{YB}	164, 150, 116
Decimal	10782836
CIE _{Lab}	58.75, 7.55, 14.72
CIE _{LCh}	59, 16.544, 62.858
Yxy	26.7630, 0.3671, 0.3603
Android (android.graphics.Color)	4288972916 (0xFFA48874)
YUV	142.0920, -12.8634, 19.2133
Hunter-Lab	51.7318, 3.5517, 13.0020

Details

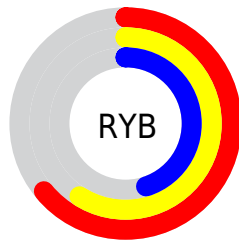
The HunterLab color $51.7318, 3.5517, 13.0020$ is a dark color, and the websafe version is hex $CC9999$. A complement of this color would be $51.3216, -6.7694, -9.0696$, and the grayscale version is $52.0905, -2.7794, 2.8302$.

A 20% lighter version of the original color is $73.7821, 3.4114, 15.7546$, and $32.3302, 3.7501, 9.9582$ is the 20% darker color. If you saturate the color by 10%, you get $48.8253, 6.3477, 15.6790$, and if you desaturate by 10%, it is $54.7675, 1.0046, 9.9766$.

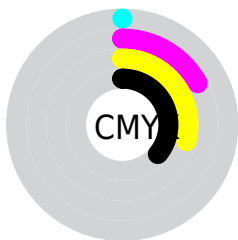
Distribution



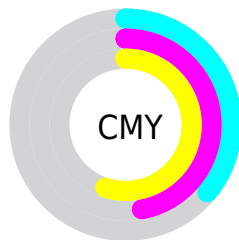
- Red (64%)
- Green (53%)
- Blue (45%)



- Red (64%)
- Yellow (59%)
- Blue (45%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (36%)



- Cyan (36%)
- Magenta (47%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.7318, 3.5517, 13.0020 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 51.7318, 3.5517, 13.0020 by changing the saturation by 10% instead.

■ 51.7318, 3.5517,
13.0020

■ 51.7318, 3.5517,
13.0020

169.2654, 0.2129,
25.3380

■ 41.7077, 3.6690,
11.5788

■ 73.8264, 3.1295,
15.7768

■ 32.4295, 3.7168,
10.1116

■ 85.8165, 2.8399,
17.1443

■ 23.9644, 3.6812,
8.5774

■ 98.3936, 2.5032,
18.5061

■ 16.3993, 3.5447,
6.9357

111.5312, 2.1226,
19.8662

■ 9.8580, 3.2794,
6.7443

125.2066, 1.7011,
21.2275

0.0000, INF, NaN

0.0000, NaN, NaN

139.3992, 1.2410,

22.5921

0.0000, NaN, NaN

154.0910, 0.7443,
23.9618

0.0000, NaN, NaN

■ 51.7318, 3.5517,
13.0020

■ 51.7318, 3.5517,
13.0020

■ 48.8253, 6.3477,
15.6790

■ 54.7675, 1.0046,
9.9766

■ 46.0578, 9.4107,
17.9582

■ 57.9170, -1.3050,
6.6427

■ 43.4455, 12.7444,
19.7898

■ 61.1710, -3.3973,
3.0379

■ 41.0043, 16.3422,
21.1236

■ 64.5202, -5.2912,
-0.8058

■ 38.7512, 20.1792,
21.9160

■ 67.9565, -7.0048,
-4.8614

■ 36.7028, 24.2052,
22.1428

■ 71.4730, -8.5551,
-9.1059

■ 34.8670, 28.3040,
21.9217

■ 75.0633, -9.9579,
-13.5194

■ 34.7400, 28.5986,
21.9073

■ 78.7222, -11.2273,
-18.0855

■ 82.1004, -14.2998,
-17.9828

Harmonies

Analogous

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



51.7330, 9.0900, 9.3188



51.7318, 3.5517, 13.0020



51.7330, -3.4355, 14.0841

Triad

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



51.7330, 3.5499, 13.0027



51.7330, -15.5849, 2.1706



51.7330, 4.7781, -9.1937

Complementary

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



51.7318, 3.5517, 13.0020



51.3216, -6.7694, -9.0696

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.



51.7330, -2.0873, -11.7454



51.7318, 3.5517, 13.0020



51.7330, -13.6367, -4.6588

Square

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



51.7330, 3.5499, 13.0027



51.7330, -14.2522, 8.3460



51.7330, -8.7872, -9.9852



51.7330, 9.8253, -3.4012

Rectangle

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



51.7318, 3.5517, 13.0020



51.7330, -7.9106, 13.3200



51.7330, -8.7872, -9.9852



51.7330, 2.5938, -10.4914

Sweetspot

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



51.7330, 3.5499, 13.0027



78.0730, -1.7873, 8.9035



47.3257, 17.4685, -3.5886



36.2247, -0.6423, 4.4656



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



51.7330, 3.5499, 13.0027



67.1745, 7.1511, 19.8809



58.5621, -7.8931, 19.2188



27.4742, -0.6195, 3.1503



30.5674, 24.6686, 19.2674



5.3725, 1.4758, 3.3364

Inverse Universe

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



51.3216, -6.7694, -9.0696



66.5006, -9.6160, -16.0307



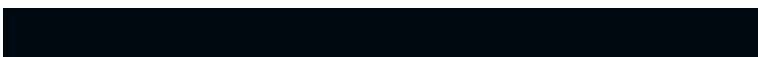
44.5271, 4.7392, -19.2463



27.4117, -2.2086, -0.2416



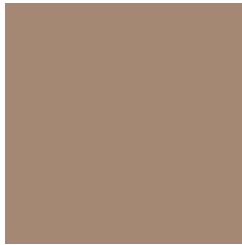
29.1840, 0.1148, -36.7252



5.1888, -1.4783, -3.2944

Previews

White Background



This preview shows how the HunterLab color 51.7318, 3.5517, 13.0020 looks on a white background.

Color Contrast Check

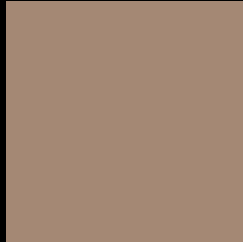
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.7318, 3.5517, 13.0020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

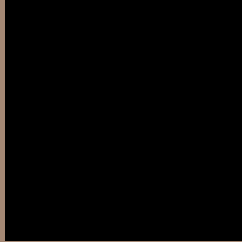
Any Text WCAG AA ✓ Pass

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 51.7318, 3.5517, 13.0020 Background



This preview shows how black text looks on a background with the HunterLab color 51.7318, 3.5517, 13.0020.



This preview shows how white text looks on a background with the HunterLab color 51.7318, 3.5517,

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

51.7318, 3.5517, 13.0020

Protanopia

51.7409, -3.4403, 11.8231

Deuteranopia

51.7318, 3.5517, 13.0020



Tritanopia

51.6440, 10.0996, 2.6196

Trichromacy



Original Color

51.7318, 3.5517, 13.0020

Protanomaly

51.6171, -1.0091, 12.1012

Deuteranomaly

51.7318, 3.5517, 13.0020

Tritanomaly

51.5514, 7.9384, 6.3834

Monochromacy



Original Color

51.7318, 3.5517, 13.0020

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

51.8976, -0.7434, 6.6150

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.7318, 3.5517, 13.0020 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(164, 136, 116)` looks like.

```
.text, #text, p{  
    color:rgb(164, 136, 116)  
}
```

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(164, 136, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 136, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 51.7318, 3.5517, 13.0020 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(164, 136, 116) }
```


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

```
.border{ border-color:rgb(164, 136, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 136, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 136, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 136, 116);  
box-shadow:4px 4px 4px 4px rgb(164, 136,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.7318, 3.5517, 13.0020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 136, 116) }
```

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

```
.background{ background-color: rgb(164,  
136, 116) }
```

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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