

Converting Colors

HunterLab(47.8868, 13.3495,
20.6926)

Have a look what the booklet for
HunterLab(47.8868, 13.3495,
20.6926) contains.

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Color

**HunterLab(47.8210, 13.4417,
20.5312)**

Conversions

Conversions Part 1

Format	Color
Hex	B1764F
RGB	177, 118, 79
RGB Percent	69%, 46%, 31%
CMY	0.3059, 0.5372, 0.6902
CMYK	0.00, 0.33, 0.55, 0.31
HSL	24°, 39%, 50%
HSV	24°, 55%, 69%
XYZ	26.0212, 22.8685, 10.4397
YIQ	131.1950, 47.6830, 0.3790

Conversions

Conversions Part 2

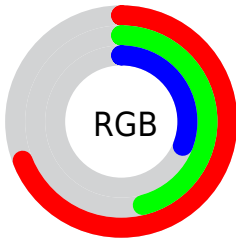
Format	Color
R_{YB}	177, 144, 79
Decimal	11630159
CIE _{Lab}	54.94, 18.90, 30.77
CIE _{LCh}	55, 36.107, 58.439
Yxy	22.8696, 0.4386, 0.3855
Android (android.graphics.Color)	4289820239 (0xFFB1764F)
YUV	131.1950, -25.7321, 40.1710
Hunter-Lab	47.8210, 13.4417, 20.5312

Details

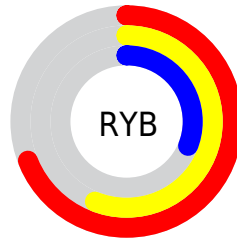
The HunterLab color **47.8210, 13.4417, 20.5312** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **47.9713, -8.6066, -22.0000**, and the grayscale version is **47.8038, -2.5507, 2.5973**.

A 20% lighter version of the original color is **69.2796, 14.2807, 25.1656**, and **29.0362, 12.4309, 15.1716** is the 20% darker color. If you saturate the color by 10%, you get **45.0285, 17.4341, 22.1822**, and if you desaturate by 10%, it is **50.8092, 9.7356, 18.3669**.

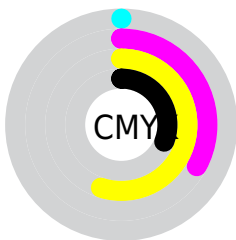
Distribution



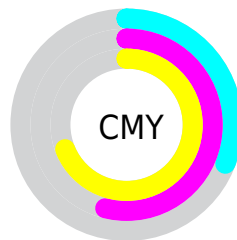
- Red (69%)
- Green (46%)
- Blue (31%)



- Red (69%)
- Yellow (56%)
- Blue (31%)



- Cyan (0%)
- Magenta (33%)
- Yellow (55%)
- Black (31%)



- Cyan (31%)
- Magenta (54%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.8210, 13.4417, 20.5312 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 47.8210, 13.4417, 20.5312 by changing the saturation by 10% instead.

■ 47.8210, 13.4417,
20.5312

■ 47.8210, 13.4417,
20.5312

163.4181, 14.5550,
40.2401

■ 38.0753, 12.9375,
17.9600

■ 69.4112, 14.1609,
25.3191

■ 29.0987, 12.3231,
15.2178

■ 81.1697, 14.4013,
27.5858

■ 20.9652, 11.5768,
12.2576

■ 93.5260, 14.5719,
29.7909

■ 13.7736, 10.6742,
9.6415

■ 106.4525, 14.6785,
31.9468

■ 7.3935, 10.9319,
5.1755

■ 119.9252, 14.7262,
34.0628

0.0000, NaN, NaN

0.0000, NaN, NaN

133.9227, 14.7192,

36.1466

0.0000, NaN, NaN

148.4260, 14.6611,
38.2040

0.0000, NaN, NaN

■ 47.8210, 13.4417,
20.5312

■ 47.8210, 13.4417,
20.5312

■ 45.0285, 17.4341,
22.1822

■ 50.8092, 9.7356,
18.3669

■ 42.4487, 21.6958,
23.2629

■ 53.9703, 6.3276,
15.7464

■ 40.1036, 26.1717,
23.7335

■ 57.2880, 3.2068,
12.7265

■ 38.0123, 30.7692,
23.5944

■ 60.7470, 0.3575,
9.3580

■ 37.1261, 32.8690,
23.4523

■ 64.3335, -2.2403,
5.6854

■ 68.0356, -4.6075,
1.7466

■ 71.8429, -6.7655,
-2.4260

■ 75.7464, -8.7341,
-6.8052

■ 79.7382, -10.5322,
-11.3682

Harmonies

Analogous

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



47.8222, 25.4356, 13.8792



47.8210, 13.4417, 20.5312



47.8222, -1.7685, 22.6628

Triad

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



47.8222, 13.4393, 20.5318



47.8222, -28.0283, 3.3422



47.8222, 11.9178, -28.2214

Complementary

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



47.8210, 13.4417, 20.5312



47.9713, -8.6066, -22.0000

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.



47.8222, -3.3349, -33.5886



47.8210, 13.4417, 20.5312



47.8222, -25.2952, -12.3342

Square

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



47.8222, 13.4393, 20.5318



47.8222, -24.6639, 14.8170



47.8222, -16.6880, -27.0468



47.8222, 24.4840, -14.0336

Rectangle

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



47.8210, 13.4417, 20.5312



47.8222, -11.3100, 21.9555



47.8222, -16.6880, -27.0468



47.8222, 6.8806, -31.2783

Sweetspot

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



47.8222, 13.4393, 20.5318



80.3917, 1.1850, 13.4243



41.0073, 39.7555, -9.5924



37.0023, 0.8899, 6.6656



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



47.8222, 13.4393, 20.5318



59.6309, 24.3115, 29.9978



60.8496, -9.3883, 30.1231



30.0696, -0.5929, 3.4295



31.7782, 27.5206, 20.0634



6.5833, 2.6733, 4.1034

Inverse Universe

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



47.9713, -8.6066, -22.0000



59.8013, -10.3744, -37.1908



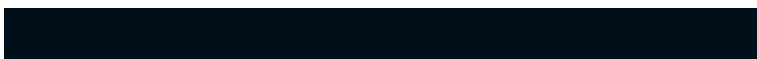
34.9606, 14.6558, -48.7418



30.0875, -2.5029, -0.2371



31.5793, -1.0791, -37.1420



6.5116, -1.6163, -4.6498

Previews

White Background



This preview shows how the HunterLab color 47.8210, 13.4417, 20.5312 looks on a white background.

Color Contrast Check

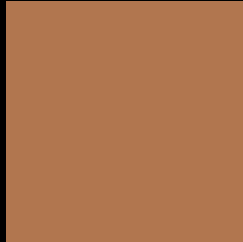
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.8210, 13.4417, 20.5312 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 47.8210, 13.4417, 20.5312 Background



This preview shows how black text looks on a background with the HunterLab color 47.8210, 13.4417, 20.5312.



This preview shows how white text looks on a background with the HunterLab color 47.8210, 13.4417,

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

47.8210, 13.4417, 20.5312

Protanopia

48.0332, -4.7063, 19.1623

Deuteranopia

47.8864, 3.0422, 20.8675



Tritanopia

47.8477, 21.3896, 7.4430

Trichromacy



Original Color

47.8210, 13.4417, 20.5312

Protanomaly

47.8078, 1.5493, 19.5862

Deuteranomaly

47.7734, 6.7574, 20.6108

Tritanomaly

47.8391, 18.2295, 12.8978

Monochromacy



Original Color

47.8210, 13.4417, 20.5312

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.3154, 2.4512, 9.9897

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8210, 13.4417, 20.5312 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(177, 118, 79)` looks like.

```
.text, #text, p{  
    color:rgb(177, 118, 79)  
}
```

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(177, 118, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 118, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8210, 13.4417, 20.5312 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(177, 118, 79) }
```


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

```
.border{ border-color:rgb(177, 118, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 118, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 118, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 118, 79);  
box-shadow:4px 4px 4px 4px rgb(177, 118,  
79) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.8210, 13.4417, 20.5312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 118, 79) }
```

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

```
.background{ background-color: rgb(177,  
118, 79) }
```

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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