

Converting Colors

HunterLab(51.3840, 16.8948,
29.4865)

Have a look what the booklet for
HunterLab(51.3840, 16.8948,
29.4865) contains.

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Color

**HunterLab(51.3145, 17.2412,
29.4977)**

Conversions

Conversions Part 1

Format	Color
Hex	C67B29
RGB	198, 123, 41
RGB Percent	78%, 48%, 16%
CMY	0.2235, 0.5176, 0.8392
CMYK	0.00, 0.38, 0.79, 0.22
HSL	31°, 66%, 47%
HSV	31°, 79%, 78%
XYZ	30.7719, 26.3318, 5.5585
YIQ	136.0770, 71.0220, -9.6020

Conversions

Conversions Part 2

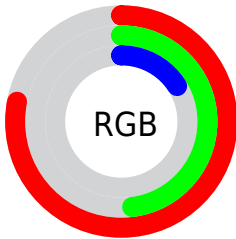
Format	Color
RYB	185, 198, 41
Decimal	13007657
CIELab	58.35, 22.85, 54.00
CIElCh	58, 58.632, 67.066
Yxy	26.3331, 0.4911, 0.4202
Android (android.graphics.Color)	4291197737 (0xFFC67B29)
YUV	136.0770, -46.8730, 54.3065
Hunter-Lab	51.3145, 17.2412, 29.4977

Details

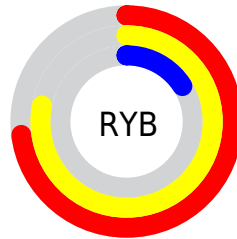
The HunterLab color **51.3145, 17.2412, 29.4977** is a dark color, and the websafe version is hex **996600**. The color can be described as dark muted orange. A complement of this color would be **41.2779, 2.8021, -51.2543**, and the grayscale version is **49.8106, -2.6578, 2.7063**.

A 20% lighter version of the original color is **72.8704, 16.3663, 36.7630**, and **32.2281, 16.1361, 20.1413** is the 20% darker color. If you saturate the color by 10%, you get **48.9831, 21.3882, 29.6868**, and if you desaturate by 10%, it is **53.8229, 13.3943, 28.5672**.

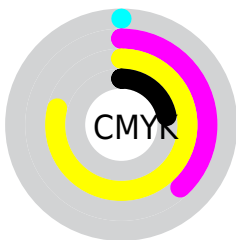
Distribution



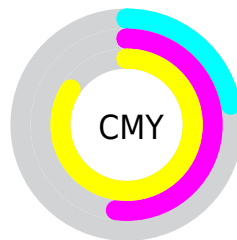
- Red (78%)
- Green (48%)
- Blue (16%)



- Red (73%)
- Yellow (78%)
- Blue (16%)



- Cyan (0%)
- Magenta (38%)
- Yellow (79%)
- Black (22%)



- Cyan (22%)
- Magenta (52%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.3145, 17.2412, 29.4977 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 51.3145, 17.2412, 29.4977 by changing the saturation by 10% instead.

■ 51.3145, 17.2412,
29.4977

■ 51.3145, 17.2412,
29.4977

168.6457, 19.5784,
60.3125

■ 41.3195, 16.5818,
25.3157

■ 73.3566, 18.2577,
37.2296

■ 32.0727, 15.8099,
20.8837

■ 85.3225, 18.6412,
40.8430

■ 23.6419, 14.9055,
16.5493

■ 97.8765, 18.9509,
44.3230

■ 16.1153, 13.8490,
11.2807

■ 110.9920, 19.1930,
47.6897

■ 9.6186, 12.6302,
6.7330

■ 124.6461, 19.3727,
50.9595

0.0000, INF, NaN

0.0000, NaN, NaN

■ 138.8184, 19.4944,

54.1461

0.0000, NaN, NaN

153.4904, 19.5619,
57.2606

0.0000, NaN, NaN

■ 51.3145, 17.2412,
29.4977

■ 51.3145, 17.2412,
29.4977

■ 48.9831, 21.3882,
29.6868

■ 53.8229, 13.3943,
28.5672

■ 46.8268, 25.7612,
29.2544

■ 56.4947, 9.8880,
26.8969

■ 46.6796, 26.0717,
29.2202

■ 59.3205, 6.7310,
24.5181

■ 62.2894, 3.9219,
21.4760

■ 65.3908, 1.4505,
17.8219

■ 68.6148, -0.6994,
13.6082

■ 71.9521, -2.5466,
8.8855

■ 75.3942, -4.1117,
3.7013

■ 78.9334, -5.4155,
-1.9012

Harmonies

Analogous

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



51.3158, 41.2251, 23.3321



51.3145, 17.2412, 29.4977



51.3158, -8.4876, 30.5259

Triad

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



51.3158, 17.2382, 29.4982



51.3158, -42.0732, -3.1189



51.3158, 29.3529, -48.3255

Complementary

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



51.3145, 17.2412, 29.4977



41.2779, 2.8021, -51.2543

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.



51.3158, 3.2705, -65.8909



51.3145, 17.2412, 29.4977



51.3158, -35.5744, -32.8514

Square

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



51.3158, 17.2382, 29.4982



51.3158, -39.7495, 17.5367



51.3158, -20.0650, -59.1787



51.3158, 49.0972, -18.2639

Rectangle

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



51.3145, 17.2412, 29.4977



51.3158, -22.7236, 29.0230



51.3158, -20.0650, -59.1787



51.3158, 20.8619, -56.4083

Sweetspot

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



51.3158, 17.2382, 29.4982



89.1132, 0.4675, 21.0397



38.5660, 58.7991, -1.0250



40.5149, 0.7079, 10.6501

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.3158, 17.2382, 29.4982



63.1155, 32.6089, 39.1125



72.2504, -19.7119, 42.4535



33.9680, -1.1952, 4.2185



37.8722, 20.5079, 23.6957



9.0751, 2.6876, 5.6391

Inverse Universe

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



41.2779, 2.8021, -51.2543



47.8165, 13.3519, -87.6106



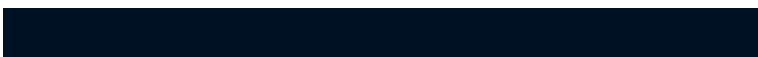
24.8804, 42.6117, -111.2362



33.3307, -2.2700, -0.7009



28.4503, 8.8757, -54.7205



7.2670, -0.0637, -8.9456

Previews

White Background



This preview shows how the HunterLab color 51.3145, 17.2412, 29.4977 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 51.3145, 17.2412, 29.4977 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 51.3145, 17.2412, 29.4977 Background



This preview shows how black text looks on a background with the HunterLab color 51.3145, 17.2412, 29.4977.



This preview shows how white text looks on a background with the HunterLab color 51.3145, 17.2412,

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

51.3145, 17.2412, 29.4977

Protanopia

51.4938, -6.5086, 28.6402

Deuteranopia

51.5081, 3.3956, 29.7838



Tritanopia

51.2329, 29.0210, 10.3917

Trichromacy



Original Color

51.3145, 17.2412, 29.4977

Protanomaly

51.1041, 2.1275, 28.7628

Deuteranomaly

51.3999, 8.4687, 29.7054

Tritanomaly

51.1514, 24.0435, 19.9366

Monochromacy



Original Color

51.3145, 17.2412, 29.4977

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

49.5410, 2.5274, 15.8364

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3145, 17.2412, 29.4977 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(198, 123, 41)` looks like.

```
.text, #text, p{  
    color:rgb(198, 123, 41)  
}
```

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(198, 123, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 123, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3145, 17.2412, 29.4977 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(198, 123, 41) }
```


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

```
.border{ border-color:rgb(198, 123, 41) }
```

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

Here you see how a box with a 4 pixel rgb(198, 123, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 123, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 123, 41);  
box-shadow:4px 4px 4px 4px rgb(198, 123,  
41) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.3145, 17.2412, 29.4977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 123, 41) }
```

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

```
.background{ background-color: rgb(198,  
123, 41) }
```

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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