

Converting Colors

HunterLab(51.1079, 13.9937,
29.9818)

Have a look what the booklet for
HunterLab(51.1079, 13.9937,
29.9818) contains.

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Color

**HunterLab(51.1079, 13.9937,
29.9818)**

Conversions

Conversions Part 1

Format	Color
Hex	C17D22
RGB	193, 125, 34
RGB Percent	76%, 49%, 13%
CMY	0.2431, 0.5098, 0.8667
CMYK	0.00, 0.35, 0.82, 0.24
HSL	34°, 70%, 45%
HSV	34°, 82%, 76%
XYZ	29.6147, 26.1202, 4.9942
YIQ	134.9580, 69.7390, -13.8850

Conversions

Conversions Part 2

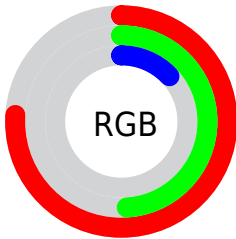
Format	Color
R _Y B	153, 193, 34
Decimal	12680482
CIE Lab	58.15, 19.35, 56.25
CIE LCh	58, 59.489, 71.019
Yxy	26.1215, 0.4876, 0.4301
Android (android.graphics.Color)	4290870562 (0xFFC17D22)
YUV	134.9580, -49.7723, 50.9028
Hunter-Lab	51.1079, 13.9937, 29.9818

Details

The HunterLab color **51.1079, 13.9937, 29.9818** 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 **37.0034, 7.7780, -57.9006**, and the grayscale version is **49.3780, -2.6347, 2.6828**.

A 20% lighter version of the original color is **73.2118, 14.5434, 38.0652**, and **31.9956, 13.2748, 19.9480** is the 20% darker color. If you saturate the color by 10%, you get **49.0264, 17.6369, 29.9854**, and if you desaturate by 10%, it is **53.3323, 10.6407, 29.2642**.

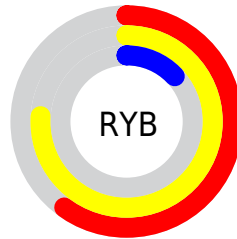
Distribution



Red (76%)

Green (49%)

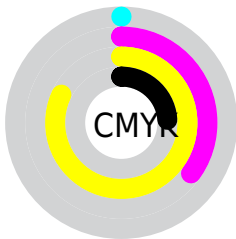
Blue (13%)



Red (60%)

Yellow (76%)

Blue (13%)

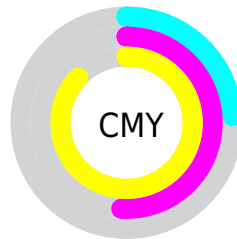


Cyan (0%)

Magenta (35%)

Yellow (82%)

Black (24%)



Cyan (24%)

Magenta (51%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1079, 13.9937, 29.9818 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 51.1079, 13.9937, 29.9818 by changing the saturation by 10% instead.

■ 51.1079, 13.9937,
29.9818

■ 51.1079, 13.9937,
29.9818

168.3384, 15.0862,
61.9375

■ 41.1273, 13.4999,
25.6385

■ 73.1238, 14.6990,
38.0145

■ 31.8961, 12.9005,
21.0894

■ 85.0777, 14.9356,
41.7667

■ 23.4824, 12.1749,
16.4377

■ 97.6202, 15.1036,
45.3781

■ 15.9750, 11.3005,
11.1825

■ 110.7248, 15.2088,
48.8696

■ 9.5005, 10.2541,
6.6504

■ 124.3683, 15.2558,
52.2583

0.0000, INF, NaN

0.0000, NaN, NaN

■ 138.5304, 15.2489,

55.5583

0.0000, NaN, NaN

153.1926, 15.1913,
58.7814

0.0000, NaN, NaN

■ 51.1079, 13.9937,
29.9818

■ 51.1079, 13.9937,
29.9818

■ 49.0264, 17.6369,
29.9854

■ 53.3323, 10.6407,
29.2642

■ 47.5286, 20.5492,
29.6467

■ 55.6906, 7.6155,
27.8121

■ 58.1777, 4.9272,
25.6390

■ 60.7865, 2.5764,
22.7756

■ 63.5094, 0.5554,
19.2623

■ 66.3393, -1.1484,
15.1441

■ 69.2691, -2.5509,
10.4668

■ 72.2924, -3.6698,
5.2752

■ 75.4029, -4.5234,
-0.3882

Harmonies

Analogous

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



51.1092, 39.1705, 24.7185



51.1079, 13.9937, 29.9818



51.1092, -11.6585, 30.4860

Triad

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



51.1092, 13.9908, 29.9823



51.1092, -42.1006, -6.8271



51.1092, 33.0862, -45.5958

Complementary

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



51.1079, 13.9937, 29.9818



37.0034, 7.7780, -57.9006

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.



51.1092, 6.8573, -66.2182



51.1079, 13.9937, 29.9818



51.1092, -34.3703, -37.6168

Square

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



51.1092, 13.9908, 29.9823



51.1092, -40.9287, 15.6098



51.1092, -17.5437, -62.7458



51.1092, 51.5854, -14.5802

Rectangle

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



51.1079, 13.9937, 29.9818



51.1092, -25.3634, 28.6057



51.1092, -17.5437, -62.7458



51.1092, 24.6899, -54.5215

Sweetspot

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



51.1092, 13.9908, 29.9823



87.6269, -0.8940, 22.0076



36.6864, 57.4746, 2.9159



39.9651, -0.0417, 11.1005



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



51.1092, 13.9908, 29.9823



63.4728, 27.8206, 39.5316



69.4615, -21.9931, 41.1249



33.1865, -1.3795, 4.2355



38.9695, 16.3148, 24.2984



8.8919, 1.7921, 5.5105

Inverse Universe

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



37.0034, 7.7780, -57.9006



42.0716, 22.5371, -101.0226



23.5444, 44.1830, -111.7672



32.3116, -1.9950, -0.8317



26.0393, 12.7811, -60.1375



6.5535, 0.4078, -9.0717

Previews

White Background



This preview shows how the HunterLab color 51.1079, 13.9937, 29.9818 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 51.1079, 13.9937, 29.9818 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 51.1079, 13.9937, 29.9818 Background



This preview shows how black text looks on a background with the HunterLab color 51.1079, 13.9937, 29.9818.



This preview shows how white text looks on a background with the HunterLab color 51.1079, 13.9937,

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

51.1079, 13.9937, 29.9818

Protanopia

51.3398, -7.1679, 29.3922

Deuteranopia

51.2015, 3.6656, 30.1919



Tritanopia

51.1947, 26.6960, 9.5433

Trichromacy



Original Color

51.1079, 13.9937, 29.9818

Protanomaly

50.9976, 0.2725, 29.3944

Deuteranomaly

51.1190, 7.4701, 30.1265

Tritanomaly

50.9327, 20.9592, 19.9648

Monochromacy



Original Color

51.1079, 13.9937, 29.9818

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

49.1756, 1.1725, 16.3903

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.1079, 13.9937, 29.9818 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(193, 125, 34)` looks like.

```
.text, #text, p{  
    color:rgb(193, 125, 34)  
}
```

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(193, 125, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 125, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 51.1079, 13.9937, 29.9818 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(193, 125, 34) }
```


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

```
.border{ border-color:rgb(193, 125, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 125, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 125, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 125, 34);  
box-shadow:4px 4px 4px 4px rgb(193, 125,  
34) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.1079, 13.9937, 29.9818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 125, 34) }
```

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

```
.background{ background-color: rgb(193,  
125, 34) }
```

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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