

Converting Colors

HunterLab(51.9619, 3.4531,
30.7528)

Have a look what the booklet for
HunterLab(51.9619, 3.4531,
30.7528) contains.

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Color

**HunterLab(51.9619, 3.4531,
30.7528)**

Conversions

Conversions Part 1

Format	Color
Hex	B3871D
RGB	179, 135, 29
RGB Percent	70%, 53%, 11%
CMY	0.2980, 0.4706, 0.8863
CMYK	0.00, 0.25, 0.84, 0.30
HSL	42°, 72%, 41%
HSV	42°, 84%, 70%
XYZ	27.4762, 27.0004, 4.9258
YIQ	136.0720, 60.2500, -23.6380

Conversions

Conversions Part 2

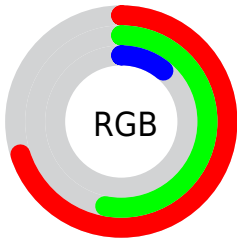
Format	Color
R_{YB}	91, 179, 29
Decimal	11765533
CIE _{Lab}	58.98, 7.44, 58.00
CIE _{LCh}	59, 58.477, 82.695
Yxy	27.0017, 0.4625, 0.4545
Android (android.graphics.Color)	4289955613 (0xFFB3871D)
YUV	136.0720, -52.7865, 37.6479
Hunter-Lab	51.9619, 3.4531, 30.7528

Details

The HunterLab color **51.9619, 3.4531, 30.7528** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **28.7765, 18.0346, -69.8216**, and the grayscale version is **49.8344, -2.6590, 2.7076**.

A 20% lighter version of the original color is **74.1332, 3.1311, 39.0272**, and **32.7422, 3.8305, 20.2427** is the 20% darker color. If you saturate the color by 10%, you get **50.5056, 5.6313, 30.8445**, and if you desaturate by 10%, it is **53.4967, 1.5318, 30.0218**.

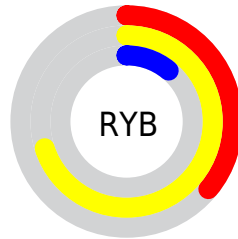
Distribution



Red (70%)

Green (53%)

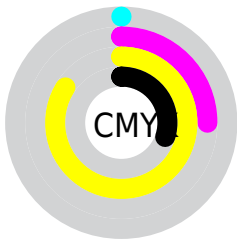
Blue (11%)



Red (36%)

Yellow (70%)

Blue (11%)

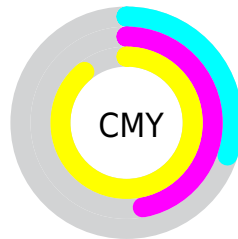


Cyan (0%)

Magenta (25%)

Yellow (84%)

Black (30%)



Cyan (30%)

Magenta (47%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.9619, 3.4531, 30.7528 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 51.9619, 3.4531, 30.7528 by changing the saturation by 10% instead.

■ 51.9619, 3.4531,
30.7528

■ 51.9619, 3.4531,
30.7528

169.6070, 0.0620,
63.4840

■ 41.9220, 3.5772,
26.3101

■ 74.0855, 3.0168,
38.9788

■ 32.6266, 3.6331,
21.6701

■ 86.0890, 2.7210,
42.8233

■ 24.1426, 3.6065,
16.8998

■ 98.6787, 2.3783,
46.5239

■ 16.5564, 3.4801,
11.5895

■ 111.8285, 1.9922,
50.1013

■ 9.9907, 3.2265,
6.9935

■ 125.5155, 1.5652,
53.5728

0.0000, INF, NaN

0.0000, NaN, NaN

■ 139.7194, 1.0999,

56.9528

0.0000, NaN, NaN

154.4221, 0.5983,
60.2532

0.0000, NaN, NaN

■ 51.9619, 3.4531,
30.7528

■ 51.9619, 3.4531,
30.7528

■ 50.5056, 5.6313,
30.8445

■ 53.4967, 1.5318,
30.0218

■ 49.6316, 7.0670,
30.7065

■ 55.1077, -0.1024,
28.6067

■ 56.7963, -1.4400,
26.4918

■ 58.5614, -2.4768,
23.6794

■ 60.4011, -3.2141,
20.1837

■ 62.3133, -3.6573,
16.0271

■ 64.2956, -3.8148,
11.2374

■ 66.3452, -3.6969,
5.8457

■ 68.4595, -3.3154,
-0.1156

Harmonies

Analogous

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



51.9632, 29.5255, 27.5731



51.9619, 3.4531, 30.7528



51.9632, -19.9808, 29.7386

Triad

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



51.9632, 3.4506, 30.7532



51.9632, -39.9664, -17.9803



51.9632, 41.0327, -33.0177

Complementary

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



51.9619, 3.4531, 30.7528



28.7765, 18.0346, -69.8216

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.



51.9632, 17.0082, -59.1382



51.9619, 3.4531, 30.7528



51.9632, -28.7149, -47.9756

Square

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



51.9632, 3.4506, 30.7532



51.9632, -42.2340, 8.2904



51.9632, -8.7214, -65.6183



51.9632, 53.7223, -3.2993

Rectangle

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



51.9619, 3.4531, 30.7528



51.9632, -31.4081, 26.3964



51.9632, -8.7214, -65.6183



51.9632, 33.8209, -42.9885

Sweetspot

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



51.9632, 3.4506, 30.7532



82.9699, -4.8244, 22.4120



33.1014, 51.3566, 9.6909



38.6323, -2.1843, 11.4819



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



51.9632, 3.4506, 30.7532



66.1142, 10.0286, 40.9148



62.2240, -26.4571, 36.7711



30.7851, -1.7919, 4.2000



41.8612, 5.6819, 25.8942



8.0397, -0.0824, 4.9526

Inverse Universe

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



28.7765, 18.0346, -69.8216



31.5765, 38.8256, -123.2811



22.5023, 42.9603, -97.7518



29.3648, -1.3098, -1.1226



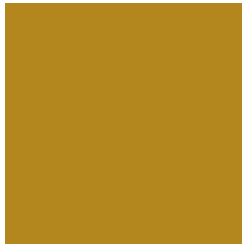
20.4138, 22.7164, -74.5537



4.8449, 1.1778, -8.5982

Previews

White Background



This preview shows how the HunterLab color 51.9619, 3.4531, 30.7528 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 51.9619, 3.4531, 30.7528 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 51.9619, 3.4531, 30.7528 Background



This preview shows how black text looks on a background with the HunterLab color 51.9619, 3.4531, 30.7528.



This preview shows how white text looks on a background with the HunterLab color 51.9619, 3.4531,

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

51.9619, 3.4531, 30.7528

Protanopia

52.1703, -7.2425, 30.5471

Deuteranopia

51.9619, 3.4531, 30.7528



Tritanopia

51.9473, 18.5054, 6.1721

Trichromacy



Original Color

51.9619, 3.4531, 30.7528

Protanomaly

52.0244, -3.3828, 30.5981

Deuteranomaly

51.9619, 3.4531, 30.7528

Tritanomaly

51.5871, 11.7628, 19.2749

Monochromacy



Original Color

51.9619, 3.4531, 30.7528

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

50.1466, -2.6447, 17.4825

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.9619, 3.4531, 30.7528 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(179, 135, 29)` looks like.

```
.text, #text, p{  
    color:rgb(179, 135, 29)  
}
```

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(179, 135, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 135, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 51.9619, 3.4531, 30.7528 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(179, 135, 29) }
```


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

```
.border{ border-color:rgb(179, 135, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 135, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 135, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 135, 29);  
box-shadow:4px 4px 4px 4px rgb(179, 135,  
29) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.9619, 3.4531, 30.7528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 135, 29) }
```

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

```
.background{ background-color: rgb(179,  
135, 29) }
```

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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