

Converting Colors

HunterLab(51.4749, 30.3820,
31.8558)

Have a look what the booklet for
HunterLab(51.4749, 30.3820,
31.8558) contains.

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Color

**HunterLab(51.4979, 30.4110,
31.8647)**

Conversions

Conversions Part 1

Format	Color
Hex	DA700C
RGB	218, 112, 12
RGB Percent	85%, 44%, 5%
CMY	0.1451, 0.5608, 0.9529
CMYK	0.00, 0.49, 0.94, 0.15
HSL	29°, 90%, 45%
HSV	29°, 94%, 85%
XYZ	34.7740, 26.5203, 3.6340
YIQ	132.2940, 95.2760, -8.6280

Conversions

Conversions Part 2

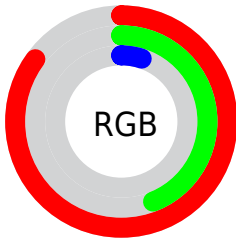
Format	Color
R _Y B	218, 206, 12
Decimal	14315532
CIE Lab	58.53, 36.37, 64.10
CIE LCh	59, 73.700, 60.434
Yxy	26.5218, 0.5356, 0.4085
Android (android.graphics.Color)	4292505612 (0xFFDA700C)
YUV	132.2940, -59.3049, 75.1642
Hunter-Lab	51.4979, 30.4110, 31.8647

Details

The HunterLab color **51.4979, 30.4110, 31.8647** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **42.5403, 6.4741, -66.1191**, and the grayscale version is **48.3532, -2.5800, 2.6271**.

A 20% lighter version of the original color is **69.7411, 20.9374, 38.1285**, and **32.4240, 28.2190, 20.4735** is the 20% darker color. If you saturate the color by 10%, you get **50.1779, 33.3151, 31.5026**, and if you desaturate by 10%, it is **54.0752, 25.2261, 32.1192**.

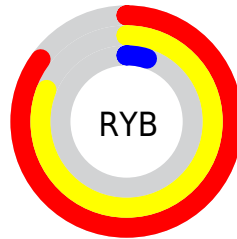
Distribution



Red (85%)

Green (44%)

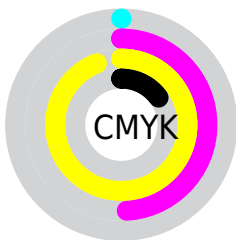
Blue (5%)



Red (85%)

Yellow (81%)

Blue (5%)

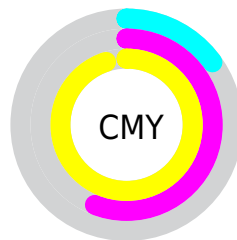


Cyan (0%)

Magenta (49%)

Yellow (94%)

Black (15%)



Cyan (15%)

Magenta (56%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.4979, 30.4110, 31.8647 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 51.4979, 30.4110, 31.8647 by changing the saturation by 10% instead.

51.4979, 30.4110,
31.8647

51.4979, 30.4110,
31.8647

168.9184, 37.3640,
67.6742

41.4902, 29.1610,
27.0039

73.5633, 32.5593,
40.8897

32.2296, 27.7886,
22.2615

85.5399, 33.4841,
45.1072

23.7836, 26.2852,
16.6485

98.1039, 34.3191,
49.1630

16.2401, 24.6660,
11.3681

111.2293, 35.0714,
53.0789

9.7238, 23.0295,
6.8066

124.8927, 35.7470,
56.8736

0.0000, INF, NaN

0.0000, NaN, NaN

139.0739, 36.3513,

60.5625

0.0000, NaN, NaN

153.7546, 36.8890,
64.1590

0.0000, NaN, NaN

51.4979, 30.4110,
31.8647

51.4979, 30.4110,
31.8647

50.1779, 33.3151,
31.5026

54.0752, 25.2261,
32.1192

56.8853, 20.3296,
31.5612

59.9161, 15.7834,
30.1739

63.1521, 11.6205,
27.9863

66.5772, 7.8511,
25.0510

■ 70.1761, 4.4700,
21.4300

■ 73.9344, 1.4620,
17.1876

■ 77.8386, -1.1941,
12.3857

■ 81.8768, -3.5220,
7.0816

Harmonies

Analogous

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



51.4993, 60.0309, 24.1767



51.4979, 30.4110, 31.8647



51.4993, -3.2052, 33.4707

Triad

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



51.4993, 30.4073, 31.8653



51.4993, -50.1435, 2.3682



51.4993, 31.3873, -74.9310

Complementary

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



51.4979, 30.4110, 31.8647



42.5403, 6.4741, -66.1191

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.



51.4993, -2.2945, -93.4793



51.4979, 30.4110, 31.8647



51.4993, -45.0199, -35.4071

Square

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



51.4993, 30.4073, 31.8653



51.4993, -45.3123, 23.7950



51.4993, -29.1907, -75.9013



51.4993, 60.6852, -34.1648

Rectangle

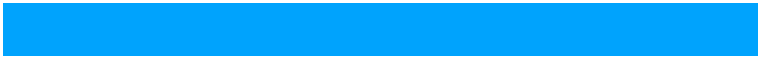
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.4979, 30.4110, 31.8647



51.4993, -22.1086, 32.7594



51.4993, -29.1907, -75.9013



51.4993, 19.9705, -84.7735

Sweetspot

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



51.4993, 30.4073, 31.8653



86.5924, 3.0444, 22.5120



40.6040, 71.1171, 1.0389



39.1609, 2.1400, 11.4228

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.4993, 30.4073, 31.8653



59.6850, 40.3654, 37.4843



79.5689, -19.9678, 48.4211



37.5362, -1.1329, 4.5888



39.1130, 25.1372, 24.5413



10.7852, 4.5375, 6.7252

Inverse Universe

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



42.5403, 6.4741, -66.1191



48.4858, 11.5842, -85.6099



23.4400, 57.8527, -152.3191



37.0401, -2.7021, -0.6770



31.9600, 6.4696, -53.9132



9.1328, -0.1514, -11.0883

Previews

White Background



This preview shows how the HunterLab color 51.4979, 30.4110, 31.8647 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 51.4979, 30.4110, 31.8647 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 51.4979, 30.4110, 31.8647 Background



This preview shows how black text looks on a background with the HunterLab color 51.4979, 30.4110, 31.8647.



This preview shows how white text looks on a background with the HunterLab color 51.4979, 30.4110,

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

51.4979, 30.4110, 31.8647

Protanopia

51.7444, -7.3614, 30.8861

Deuteranopia

51.6080, 3.4720, 31.8614



Tritanopia

51.4009, 40.7554, 15.0393

Trichromacy



Original Color

51.4979, 30.4110, 31.8647

Protanomaly

50.9702, 5.5252, 30.8386

Deuteranomaly

51.2522, 12.9636, 31.6755

Tritanomaly

51.2241, 35.9563, 24.4887

Monochromacy



Original Color

51.4979, 30.4110, 31.8647

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

48.1231, 5.5456, 18.3754

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4979, 30.4110, 31.8647 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(218, 112, 12)` looks like.

```
.text, #text, p{  
    color:rgb(218, 112, 12)  
}
```

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(218, 112, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 112, 12) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4979, 30.4110, 31.8647 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(218, 112, 12) }
```


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

```
.border{ border-color:rgb(218, 112, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 112, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 112, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 112, 12);  
box-shadow:4px 4px 4px 4px rgb(218, 112,  
12) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.4979, 30.4110, 31.8647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 112, 12) }
```

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

```
.background{ background-color: rgb(218,  
112, 12) }
```

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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