

Converting Colors

HunterLab(51.2077, 29.9337,
32.0780)

Have a look what the booklet for
HunterLab(51.2077, 29.9337,
32.0780) contains.

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Color

**HunterLab(51.3226, 29.8616,
32.1475)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D97000 |
| RGB | 217, 112, 0 |
| RGB Percent | 85%, 44%, 0% |
| CMY | 0.1490, 0.5608, 1.0000 |
| CMYK | 0.00, 0.48, 1.00, 0.15 |
| HSL | 31°, 100%, 43% |
| HSV | 31°, 100%, 85% |
| XYZ | 34.4095, 26.3401, 3.2706 |
| YIQ | 130.6270, 98.5320, -12.5720 |

Conversions

Conversions Part 2

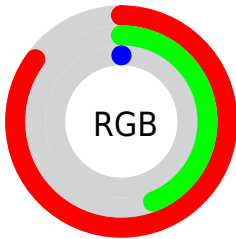
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 203, 217, 0 |
| Decimal | 14249984 |
| CIE Lab | 58.36, 35.84, 66.03 |
| CIE LCh | 58, 75.133, 61.508 |
| Yxy | 26.3415, 0.5375, 0.4114 |
| Android (android.graphics.Color) | 4292440064 (0xFFD97000) |
| YUV | 130.6270, -64.3991, 75.7491 |
| Hunter-Lab | 51.3226, 29.8616, 32.1475 |

Details

The HunterLab color **51.3226, 29.8616, 32.1475** 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 **38.8754, 12.6699, -75.9408**, and the grayscale version is **47.7138, -2.5459, 2.5924**.

A 20% lighter version of the original color is **69.6961, 20.7071, 38.7916**, and **32.2704, 27.8260, 20.3720** is the 20% darker color. If you saturate the color by 10%, you get **51.3232, 29.8597, 32.1478**, and if you desaturate by 10%, it is **53.7143, 24.8985, 32.7127**.

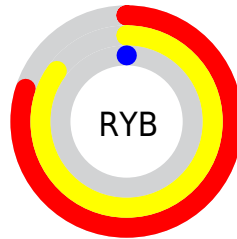
Distribution



Red (85%)

Green (44%)

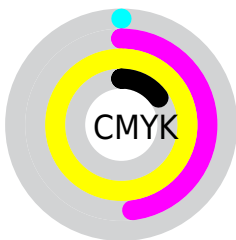
Blue (0%)



Red (80%)

Yellow (85%)

Blue (0%)

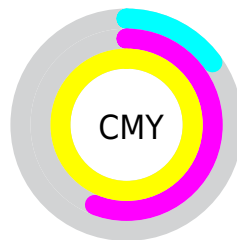


Cyan (0%)

Magenta (48%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.3226, 29.8616, 32.1475 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 51.3226, 29.8616, 32.1475 by changing the saturation by 10% instead.

51.3226, 29.8616,
32.1475

51.3226, 29.8616,
32.1475

168.6578, 36.6544,
68.9358

41.3271, 28.6308,
27.1577

73.3658, 31.9719,
41.4238

32.0797, 27.2773,
22.4423

85.3322, 32.8782,
45.7598

23.6482, 25.7920,
16.5537

97.8866, 33.6950,
49.9287

16.1209, 24.1883,
11.2846

111.0026, 34.4294,
53.9527

9.6233, 22.5615,
6.7363

124.6571, 35.0876,
57.8505

0.0000, INF, NaN

0.0000, NaN, NaN

138.8297, 35.6748,

61.6383

0.0000, NaN, NaN

153.5021, 36.1957,
65.3296

0.0000, NaN, NaN

51.3226, 29.8616,
32.1475

51.3226, 29.8616,
32.1475

51.3232, 29.8597,
32.1478

53.7143, 24.8985,
32.7127

56.3079, 20.1708,
32.6017

59.1030, 15.7777,
31.6619

62.0883, 11.7593,
29.8933

65.2512, 8.1317,
27.3296

■ 68.5789, 4.8951,
24.0220

■ 72.0589, 2.0384,
20.0289

■ 75.6795, -0.4559,
15.4102

■ 79.4299, -2.6093,
10.2238

Harmonies

Analogous

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



51.3240, 60.5939, 24.8648



51.3226, 29.8616, 32.1475



51.3240, -4.3430, 33.5728

Triad

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



51.3240, 29.8579, 32.1481



51.3240, -50.7310, 1.2368



51.3240, 33.3419, -75.8142

Complementary

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



51.3226, 29.8616, 32.1475



38.8754, 12.6699, -75.9408

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.



51.3240, -1.1196, -96.2114



51.3226, 29.8616, 32.1475



51.3240, -45.2093, -37.9251

Square

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



51.3240, 29.8579, 32.1481



51.3240, -46.2333, 23.5370



51.3240, -28.8076, -79.2977



51.3240, 62.9261, -33.4859

Rectangle

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



51.3226, 29.8616, 32.1475



51.3240, -23.3178, 32.8103



51.3240, -28.8076, -79.2977



51.3240, 21.6942, -86.3189

Sweetspot

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



51.3240, 29.8579, 32.1481



86.3884, 2.5363, 24.1882



39.8061, 70.9149, 4.4282



39.1359, 1.8256, 12.1744

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.3240, 29.8579, 32.1481



61.3668, 36.4144, 38.4515



80.2352, -21.5505, 49.0631



37.6265, -1.2849, 4.6862



40.1972, 22.6249, 25.1654



11.0414, 3.9979, 6.8737

Inverse Universe

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



38.8754, 12.6699, -75.9408



46.3477, 15.8700, -92.1893



22.3829, 60.7106, -159.0322



36.9484, -2.5513, -0.7891



30.5906, 9.1603, -58.0100



8.8222, 0.3854, -11.8588

Previews

White Background



This preview shows how the HunterLab color 51.3226, 29.8616, 32.1475 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 51.3226, 29.8616, 32.1475 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 51.3226, 29.8616, 32.1475 Background



This preview shows how black text looks on a background with the HunterLab color 51.3226, 29.8616, 32.1475.



This preview shows how white text looks on a background with the HunterLab color 51.3226, 29.8616,

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

51.3226, 29.8616, 32.1475

Protanopia

51.4468, -6.9678, 30.8693

Deuteranopia

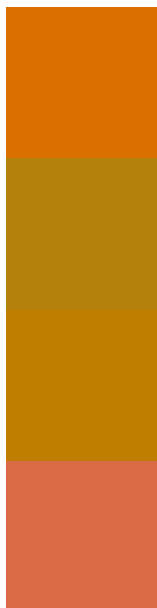
51.4929, 3.0849, 31.7837



Tritanopia

51.2484, 40.3537, 14.8867

Trichromacy



Original Color

51.3226, 29.8616, 32.1475

Protanomaly

50.6903, 5.9163, 30.9319

Deuteranomaly

51.1157, 12.5129, 31.7163

Tritanomaly

51.0200, 35.2957, 25.1287

Monochromacy



Original Color

51.3226, 29.8616, 32.1475

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.6668, 5.2186, 19.2843

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3226, 29.8616, 32.1475 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(217, 112, 0)` looks like.

```
.text, #text, p{  
    color:rgb(217, 112, 0)  
}
```

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(217, 112, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 112, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3226, 29.8616, 32.1475 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(217, 112, 0) }
```


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

```
.border{ border-color:rgb(217, 112, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 112, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 112, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 112, 0);  
box-shadow:4px 4px 4px 4px rgb(217, 112,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.3226, 29.8616, 32.1475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 112, 0) }
```

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

```
.background{ background-color: rgb(217,  
112, 0) }
```

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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