

Converting Colors

HunterLab(50.7921, 12.6552,
31.5194)

Have a look what the booklet for
HunterLab(50.7921, 12.6552,
31.5194) contains.

HunterLab(50.7381, 12.5970, 31.4851)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(50.7381, 12.5970,
31.4851)**

Conversions

Conversions Part 1

Format	Color
Hex	BF7D00
RGB	191, 125, 0
RGB Percent	75%, 49%, 0%
CMY	0.2510, 0.5098, 1.0000
CMYK	0.00, 0.35, 1.00, 0.25
HSL	39°, 100%, 37%
HSV	39°, 100%, 75%
XYZ	28.8194, 25.7435, 3.4501
YIQ	130.4840, 79.4610, -24.8830

Conversions

Conversions Part 2

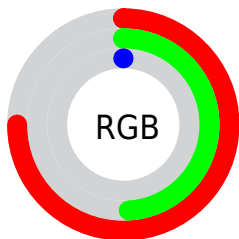
Format	Color
R_{YB}	101, 191, 0
Decimal	12549376
CIE _{Lab}	57.79, 17.83, 63.94
CIE _{LCh}	58, 66.380, 74.418
Yxy	25.7449, 0.4968, 0.4438
Android (android.graphics.Color)	4290739456 (0xFFBF7D00)
YUV	130.4840, -64.3286, 53.0725
Hunter-Lab	50.7381, 12.5970, 31.4851

Details

The HunterLab color **50.7381, 12.5970, 31.4851** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **27.6738, 24.7954, -88.1149**, and the grayscale version is **47.6622, -2.5431, 2.5896**.

A 20% lighter version of the original color is **72.7692, 12.7392, 40.6072**, and **31.7402, 12.5032, 19.7771** is the 20% darker color. If you saturate the color by 10%, you get **50.7386, 12.5955, 31.4854**, and if you desaturate by 10%, it is **52.4588, 9.6032, 31.7911**.

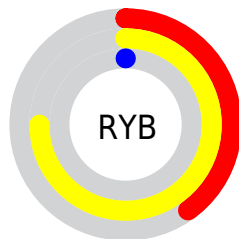
Distribution



Red (75%)

Green (49%)

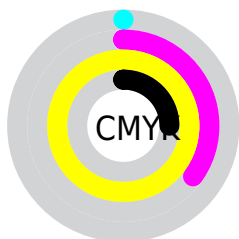
Blue (0%)



Red (40%)

Yellow (75%)

Blue (0%)

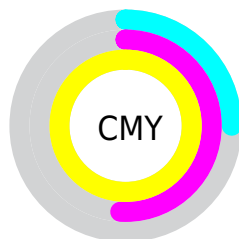


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.7381, 12.5970, 31.4851 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 50.7381, 12.5970, 31.4851 by changing the saturation by 10% instead.

50.7381, 12.5970,
31.4851

50.7381, 12.5970,
31.4851

167.7878, 13.1565,
67.3068

40.7834, 12.1742,
26.6163

72.7070, 13.1689,
40.5211

31.5802, 11.6490,
21.9458

84.6393, 13.3426,
44.7418

23.1972, 11.0006,
16.2381

97.1611, 13.4499,
48.7993

15.7244, 10.2055,
11.0071

110.2460, 13.4965,
52.7159

9.2890, 9.2413,
6.5023

123.8706, 13.4868,
56.5104

0.0000, INF, NaN

0.0000, NaN, NaN

138.0145, 13.4247,

60.1985

0.0000, NaN, NaN

152.6590, 13.3137,
63.7935

0.0000, NaN, NaN

50.7381, 12.5970,
31.4851

50.7381, 12.5970,
31.4851

50.7386, 12.5955,
31.4854

52.4588, 9.6032,
31.7911

54.2709, 6.8444,
31.5386

56.1835, 4.3861,
30.5691

58.1956, 2.2481,
28.8570

60.3049, 0.4387,
26.4034

■ 62.5080, -1.0423,
23.2260

■ 64.8013, -2.2006,
19.3531

■ 67.1806, -3.0463,
14.8189

■ 69.6418, -3.5918,
9.6611

Harmonies

Analogous

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



50.7394, 41.8080, 27.1365



50.7381, 12.5970, 31.4851



50.7394, -15.4442, 31.5519

Triad

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



50.7394, 12.5941, 31.4856



50.7394, -45.0684, -11.7337



50.7394, 40.7880, -49.1984

Complementary

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



50.7381, 12.5970, 31.4851



27.6738, 24.7954, -88.1149

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.



50.7394, 11.4187, -76.2087



50.7381, 12.5970, 31.4851



50.7394, -35.7520, -47.8177

Square

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



50.7394, 12.5941, 31.4856



50.7394, -44.8877, 14.6939



50.7394, -16.3910, -75.5987



50.7394, 60.3394, -13.0303

Rectangle

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



50.7381, 12.5970, 31.4851



50.7394, -29.7208, 29.4641



50.7394, -16.3910, -75.5987



50.7394, 31.4873, -60.3464

Sweetspot

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



50.7394, 12.5941, 31.4856



86.5731, -2.8804, 26.1692



33.8821, 59.2136, 12.6621



39.9491, -1.0600, 13.3433



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.



50.7394, 12.5941, 31.4856



67.5551, 17.5416, 41.9342



67.0667, -27.9332, 40.8369



32.4812, -1.6831, 4.3299



41.3203, 9.8431, 25.6337



8.8678, 0.6594, 5.4759

Inverse Universe

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



27.6738, 24.7954, -88.1149



36.4801, 34.6479, -120.3919



20.0449, 53.0901, -132.5108



31.2250, -1.6005, -1.0517



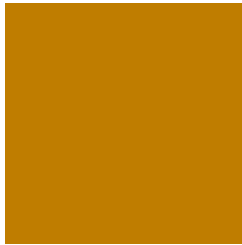
22.7362, 19.3197, -70.1240



5.7140, 1.1501, -9.6248

Previews

White Background



This preview shows how the HunterLab color 50.7381, 12.5970, 31.4851 looks on a white background.

Color Contrast Check

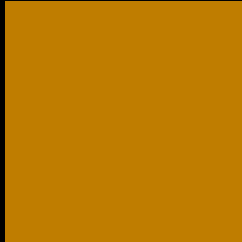
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.7381, 12.5970, 31.4851 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 50.7381, 12.5970, 31.4851 Background



This preview shows how black text looks on a background with the HunterLab color 50.7381, 12.5970, 31.4851.



This preview shows how white text looks on a background with the HunterLab color 50.7381, 12.5970,

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

50.7381, 12.5970, 31.4851

Protanopia

50.9444, -7.3198, 30.8204

Deuteranopia

50.7273, 3.2644, 31.3151



Tritanopia

50.7023, 26.4353, 9.0170

Trichromacy



Original Color

50.7381, 12.5970, 31.4851

Protanomaly

50.7745, -0.7207, 31.0061

Deuteranomaly

50.5216, 6.6512, 31.2476

Tritanomaly

50.2416, 19.7029, 22.3473

Monochromacy



Original Color

50.7381, 12.5970, 31.4851

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.6847, -0.2359, 19.2036

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.7381, 12.5970, 31.4851 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(191, 125, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 125, 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(191, 125, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 125, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 50.7381, 12.5970, 31.4851 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(191, 125, 0) }
```


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

```
.border{ border-color:rgb(191, 125, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 125, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 125, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 125, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 125,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.7381, 12.5970, 31.4851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 125, 0) }
```

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

```
.background{ background-color: rgb(191,  
125, 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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