

Converting Colors

HunterLab(48.8853, 13.6224,
30.3614)

Have a look what the booklet for
HunterLab(48.8853, 13.6224,
30.3614) contains.

HunterLab(48.9875, 13.4193, 30.4208)	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(48.9875, 13.4193,
30.4208)**

Conversions

Conversions Part 1

Format	Color
Hex	BB7800
RGB	187, 120, 0
RGB Percent	73%, 47%, 0%
CMY	0.2667, 0.5294, 1.0000
CMYK	0.00, 0.36, 1.00, 0.27
HSL	39°, 100%, 37%
HSV	39°, 100%, 73%
XYZ	27.2100, 23.9978, 3.1979
YIQ	126.3530, 78.4520, -23.1160

Conversions

Conversions Part 2

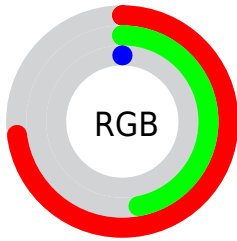
Format	Color
RYB	104, 187, 0
Decimal	12285952
CIELab	56.09, 18.82, 62.58
CIElCh	56, 65.346, 73.264
Yxy	23.9990, 0.5001, 0.4411
Android (android.graphics.Color)	4290476032 (0xFFBB7800)
YUV	126.3530, -62.2920, 53.1874
Hunter-Lab	48.9875, 13.4193, 30.4208

Details

The HunterLab color **48.9875, 13.4193, 30.4208** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **27.5724, 22.8113, -83.7051**, and the grayscale version is **46.0308, -2.4561, 2.5009**.

A 20% lighter version of the original color is **70.6164, 14.1252, 39.3023**, and **30.1590, 13.2459, 18.8157** is the 20% darker color. If you saturate the color by 10%, you get **48.9881, 13.4177, 30.4211**, and if you desaturate by 10%, it is **50.7084, 10.3862, 30.7230**.

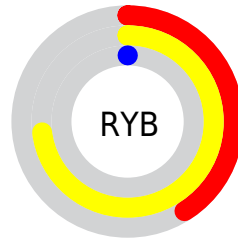
Distribution



Red (73%)

Green (47%)

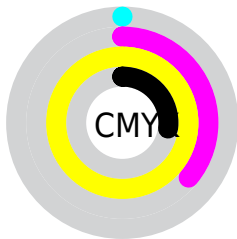
Blue (0%)



Red (41%)

Yellow (73%)

Blue (0%)

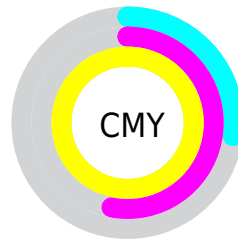


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (27%)



Cyan (27%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9875, 13.4193, 30.4208 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 48.9875, 13.4193, 30.4208 by changing the saturation by 10% instead.

48.9875, 13.4193,
30.4208

48.9875, 13.4193,
30.4208

165.1712, 14.4359,
65.7789

39.1572, 12.9307,
25.5979

70.7309, 14.1108,
39.3570

30.0888, 12.3343,
21.0621

82.5595, 14.3393,
43.5255

21.8540, 11.6088,
15.2978

94.9827, 14.4988,
47.5303

14.5480, 10.7301,
10.1836

107.9732, 14.5951,
51.3941

8.2088, 10.1430,
5.7462

121.5072, 14.6332,
55.1361

0.0000, INF, NaN

0.0000, NaN, NaN

135.5637, 14.6170,

58.7723

0.0000, NaN, NaN

150.1240, 14.5503,
62.3160

0.0000, NaN, NaN

48.9875, 13.4193,
30.4208

48.9875, 13.4193,
30.4208

48.9881, 13.4177,
30.4211

50.7084, 10.3862,
30.7230

52.5233, 7.5811,
30.4835

54.4408, 5.0699,
29.5452

56.4594, 2.8721,
27.8862

58.5763, 0.9951,
25.5100

■ 60.7877, -0.5615,
22.4366

■ 63.0895, -1.8040,
18.6952

■ 65.4774, -2.7427,
14.3212

■ 67.9471, -3.3904,
9.3524

Harmonies

Analogous

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



48.9888, 41.7154, 26.0149



48.9875, 13.4193, 30.4208



48.9888, -14.0767, 30.6109

Triad

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



48.9888, 13.4164, 30.4213



48.9888, -43.9210, -10.2147



48.9888, 38.7514, -49.3405

Complementary

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



48.9875, 13.4193, 30.4208



27.5724, 22.8113, -83.7051

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.



48.9888, 10.0047, -74.9697



48.9875, 13.4193, 30.4208



48.9888, -35.2526, -45.3201

Square

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



48.9888, 13.4164, 30.4213



48.9888, -43.3987, 14.9659



48.9888, -16.8206, -73.1918



48.9888, 58.3928, -13.9822

Rectangle

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



48.9875, 13.4193, 30.4208



48.9888, -28.1885, 28.7268



48.9888, -16.8206, -73.1918



48.9888, 29.5910, -60.0663

Sweetspot

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



48.9888, 13.4164, 30.4213



84.2784, -2.3425, 25.2847



33.1500, 58.0492, 11.4976



38.9315, -0.7884, 12.9023



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



48.9888, 13.4164, 30.4213



65.2052, 18.6648, 40.5059



65.7486, -26.3263, 40.0529



32.4496, -1.6305, 4.2960



40.8358, 10.7957, 25.3518



8.7905, 0.7985, 5.4306

Inverse Universe

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



27.5724, 22.8113, -83.7051



36.3435, 31.9561, -114.4102



19.4780, 51.7737, -130.1977



31.2567, -1.6532, -1.0126



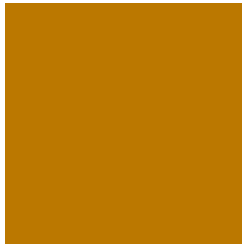
23.1584, 18.2499, -68.3424



5.7908, 1.0041, -9.4056

Previews

White Background



This preview shows how the HunterLab color 48.9875, 13.4193, 30.4208 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 48.9875, 13.4193, 30.4208 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 48.9875, 13.4193, 30.4208 Background



This preview shows how black text looks on a background with the HunterLab color 48.9875, 13.4193, 30.4208.



This preview shows how white text looks on a background with the HunterLab color 48.9875, 13.4193,

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

48.9875, 13.4193, 30.4208

Protanopia

49.0229, -6.8296, 29.6276

Deuteranopia

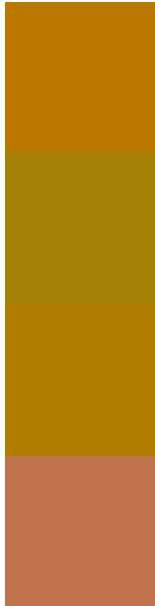
49.0880, 3.2362, 30.3044



Tritanopia

49.1435, 26.3163, 9.3047

Trichromacy



Original Color

48.9875, 13.4193, 30.4208

Protanomaly

48.9716, 0.1153, 29.8999

Deuteranomaly

49.0044, 6.9995, 30.3188

Tritanomaly

48.7139, 19.8065, 22.0421

Monochromacy



Original Color

48.9875, 13.4193, 30.4208

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

46.1415, -0.0177, 18.6798

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9875, 13.4193, 30.4208 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(187, 120, 0)` looks like.

```
.text, #text, p{  
    color:rgb(187, 120, 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(187, 120, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 120, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9875, 13.4193, 30.4208 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(187, 120, 0) }
```


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

```
.border{ border-color:rgb(187, 120, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 120, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 120, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 120, 0);  
box-shadow:4px 4px 4px 4px rgb(187, 120,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9875, 13.4193, 30.4208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 120, 0) }
```

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

```
.background{ background-color: rgb(187,  
120, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor