

Converting Colors

HunterLab(48.5541, 13.7200,
30.1590)

Have a look what the booklet for
HunterLab(48.5541, 13.7200,
30.1590) contains.

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Color

**HunterLab(48.6135, 13.5019,
30.1918)**

Conversions

Conversions Part 1

Format	Color
Hex	BA7700
RGB	186, 119, 0
RGB Percent	73%, 47%, 0%
CMY	0.2706, 0.5333, 1.0000
CMYK	0.00, 0.36, 1.00, 0.27
HSL	38°, 100%, 36%
HSV	38°, 100%, 73%
XYZ	26.8465, 23.6327, 3.1466
YIQ	125.4670, 78.1310, -22.8050

Conversions

Conversions Part 2

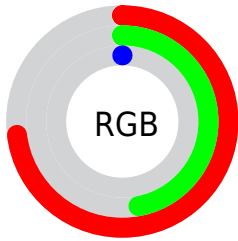
Format	Color
R_{YB}	105, 186, 0
Decimal	12220160
CIE Lab	55.72, 18.93, 62.28
CIE LCh	56, 65.089, 73.095
Yxy	23.6339, 0.5006, 0.4407
Android (android.graphics.Color)	4290410240 (0xFFBA7700)
YUV	125.4670, -61.8552, 53.0874
Hunter-Lab	48.6135, 13.5019, 30.1918

Details

The HunterLab color **48.6135, 13.5019, 30.1918** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **27.4948, 22.4546, -82.8383**, and the grayscale version is **45.6822, -2.4375, 2.4820**.

A 20% lighter version of the original color is **70.2177, 14.2239, 39.0330**, and **29.8200, 13.3161, 18.6081** is the 20% darker color. If you saturate the color by 10%, you get **48.6141, 13.5003, 30.1921**, and if you desaturate by 10%, it is **50.3300, 10.4715, 30.4912**.

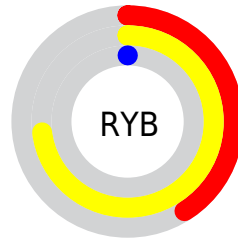
Distribution



Red (73%)

Green (47%)

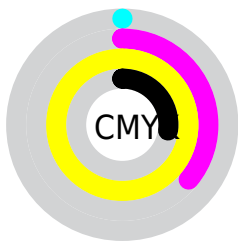
Blue (0%)



Red (41%)

Yellow (73%)

Blue (0%)

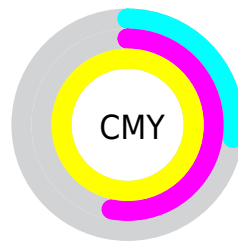


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (27%)



Cyan (27%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.6135, 13.5019, 30.1918 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 48.6135, 13.5019, 30.1918 by changing the saturation by 10% instead.

■ 48.6135, 13.5019,
30.1918

■ 48.6135, 13.5019,
30.1918

164.6100, 14.5797,
65.4453

■ 38.8102, 13.0041,
25.3794

■ 70.3080, 14.2098,
39.1053

■ 29.7710, 12.3977,
20.8397

■ 82.1143, 14.4457,
43.2619

■ 21.5685, 11.6610,
15.0980

■ 94.5161, 14.6122,
47.2548

■ 14.2988, 10.7700,
10.0092

■ 107.4862, 14.7152,
51.1068

■ 7.9572, 10.3902,
5.5701

■ 121.0007, 14.7596,
54.8370

0.0000, INF, NaN

0.0000, NaN, NaN

■ 135.0383, 14.7495,

58.4615

0.0000, NaN, NaN

149.5804, 14.6885,
61.9938

0.0000, NaN, NaN

48.6135, 13.5019,
30.1918

48.6135, 13.5019,
30.1918

48.6141, 13.5003,
30.1921

50.3300, 10.4715,
30.4912

52.1406, 7.6673,
30.2533

54.0538, 5.1553,
29.3212

56.0681, 2.9547,
27.6735

58.1806, 1.0730,
25.3143

■ 60.3874, -0.4904,
22.2636

■ 62.6845, -1.7419,
18.5510

■ 65.0675, -2.6917,
14.2117

■ 67.5319, -3.3526,
9.2834

Harmonies

Analogous

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



48.6148, 41.5955, 25.7889



48.6135, 13.5019, 30.1918



48.6148, -13.8465, 30.3985

Triad

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



48.6148, 13.4991, 30.1923



48.6148, -43.6452, -9.9751



48.6148, 38.3637, -49.2357

Complementary

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



48.6135, 13.5019, 30.1918



27.4948, 22.4546, -82.8383

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.



48.6148, 9.7796, -74.6023



48.6135, 13.5019, 30.1918



48.6148, -35.0905, -44.8506

Square

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



48.6148, 13.4991, 30.1923



48.6148, -43.0763, 14.9640



48.6148, -16.8372, -72.6628



48.6148, 57.9670, -14.0831

Rectangle

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



48.6135, 13.5019, 30.1918



48.6148, -27.8989, 28.5477



48.6148, -16.8372, -72.6628



48.6148, 29.2469, -59.8738

Sweetspot

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



48.6148, 13.4991, 30.1923



84.2358, -2.2706, 25.2462



32.9530, 57.7059, 11.4171



38.9089, -0.7501, 12.8826



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.



48.6148, 13.4991, 30.1923



65.0857, 18.9041, 40.4365



65.3570, -26.1664, 39.8144



31.5348, -1.5776, 4.1618



40.0573, 10.7104, 24.8706



8.2369, 0.6618, 5.0871

Inverse Universe

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



27.4948, 22.4546, -82.8383



36.4474, 31.6872, -113.9595



19.3637, 51.4664, -129.4055



30.3889, -1.6151, -0.9682



22.8391, 17.6970, -66.7496



5.5083, 0.7260, -8.4521

Previews

White Background



This preview shows how the HunterLab color 48.6135, 13.5019, 30.1918 looks on a white background.

Color Contrast Check

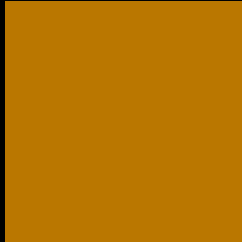
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.6135, 13.5019, 30.1918 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 48.6135, 13.5019, 30.1918 Background



This preview shows how black text looks on a background with the HunterLab color 48.6135, 13.5019, 30.1918.



This preview shows how white text looks on a background with the HunterLab color 48.6135, 13.5019, 30.1918.

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

48.6135, 13.5019, 30.1918

Protanopia

48.6401, -6.7320, 29.3898

Deuteranopia

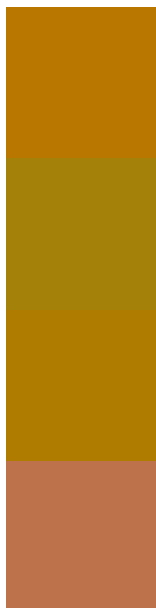
48.5940, 2.9416, 29.9949



Tritanopia

48.7618, 26.3169, 9.2865

Trichromacy



Original Color

48.6135, 13.5019, 30.1918

Protanomaly

48.5907, 0.2069, 29.6647

Deuteranomaly

48.5070, 6.6935, 30.0069

Tritanomaly

48.3480, 19.9042, 21.7553

Monochromacy



Original Color

48.6135, 13.5019, 30.1918

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

45.7691, 0.1020, 18.3731

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.6135, 13.5019, 30.1918 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(186, 119, 0)` looks like.

```
.text, #text, p{  
    color:rgb(186, 119, 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(186, 119, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 119, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 48.6135, 13.5019, 30.1918 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(186, 119, 0) }
```


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

```
.border{ border-color:rgb(186, 119, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 119, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 119, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 119, 0);  
box-shadow:4px 4px 4px 4px rgb(186, 119,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.6135, 13.5019, 30.1918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 119, 0) }
```

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

```
.background{ background-color: rgb(186,  
119, 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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