

Converting Colors

HunterLab(48.2521, 10.0322,
29.9084)

Have a look what the booklet for
HunterLab(48.2521, 10.0322,
29.9084) contains.

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Color

**HunterLab(48.3508, 10.1159,
29.9707)**

Conversions

Conversions Part 1

Format	Color
Hex	B47900
RGB	180, 121, 0
RGB Percent	71%, 47%, 0%
CMY	0.2941, 0.5255, 1.0000
CMYK	0.00, 0.33, 1.00, 0.29
HSL	40°, 100%, 35%
HSV	40°, 100%, 71%
XYZ	25.6597, 23.3780, 3.1599
YIQ	124.8470, 74.0050, -25.1230

Conversions

Conversions Part 2

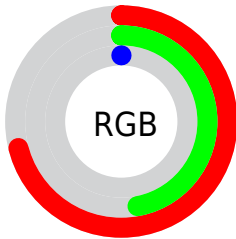
Format	Color
R _Y B	88, 180, 0
Decimal	11827456
CIE Lab	55.46, 15.13, 61.74
CIE LCh	55, 63.572, 76.228
Yxy	23.3792, 0.4916, 0.4479
Android (android.graphics.Color)	4290017536 (0xFFB47900)
YUV	124.8470, -61.5496, 48.3692
Hunter-Lab	48.3508, 10.1159, 29.9707

Details

The HunterLab color **48.3508, 10.1159, 29.9707** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **25.3442, 24.6850, -84.9651**, and the grayscale version is **45.4395, -2.4245, 2.4688**.

A 20% lighter version of the original color is **69.9951, 10.7103, 38.8201**, and **29.8373, 10.0534, 18.5616** is the 20% darker color. If you saturate the color by 10%, you get **48.3515, 10.1141, 29.9710**, and if you desaturate by 10%, it is **49.9009, 7.4967, 30.1997**.

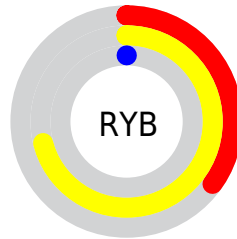
Distribution



Red (71%)

Green (47%)

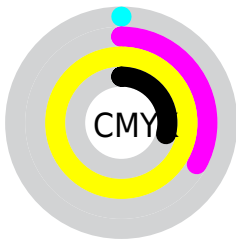
Blue (0%)



Red (35%)

Yellow (71%)

Blue (0%)

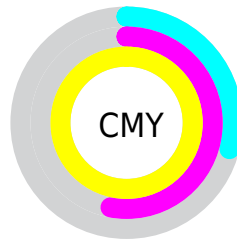


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.3508, 10.1159, 29.9707 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 48.3508, 10.1159, 29.9707 by changing the saturation by 10% instead.

48.3508, 10.1159,
29.9707

48.3508, 10.1159,
29.9707

164.2153, 9.8030,
64.9894

38.5665, 9.8069,
25.1870

70.0109, 10.4723,
38.8268

29.5480, 9.3991,
20.6836

81.8013, 10.5435,
42.9556

21.3683, 8.8711,
14.9578

94.1881, 10.5516,
46.9215

14.1243, 8.1975,
9.8870

107.1438, 10.5019,
50.7474

7.7752, 8.1627,
5.4427

120.6445, 10.3988,
54.4522

0.0000, NaN, NaN

0.0000, NaN, NaN

134.6689, 10.2459,

58.0522

0.0000, NaN, NaN

149.1981, 10.0464,
61.5608

0.0000, NaN, NaN

48.3508, 10.1159,
29.9707

48.3508, 10.1159,
29.9707

48.3515, 10.1141,
29.9710

49.9009, 7.4967,
30.1997

51.5288, 5.0922,
29.9199

53.2440, 2.9659,
28.9735

55.0464, 1.1355,
27.3346

56.9343, -0.3912,
25.0014

■ 58.9053, -1.6138,
21.9873

■ 60.9566, -2.5369,
18.3159

■ 63.0848, -3.1689,
14.0166

■ 65.2866, -3.5207,
9.1226

Harmonies

Analogous

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



48.3520, 37.8110, 26.1368



48.3508, 10.1159, 29.9707



48.3520, -15.9737, 29.8362

Triad

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



48.3520, 10.1132, 29.9711



48.3520, -42.3253, -12.9109



48.3520, 39.8317, -44.1445

Complementary

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



48.3508, 10.1159, 29.9707



25.3442, 24.6850, -84.9651

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.



48.3520, 12.4459, -70.5390



48.3508, 10.1159, 29.9707



48.3520, -32.9422, -46.8711

Square

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



48.3520, 10.1132, 29.9711



48.3520, -42.6864, 12.7795



48.3520, -14.0900, -71.7419



48.3520, 57.2989, -10.3415

Rectangle

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



48.3508, 10.1159, 29.9707



48.3520, -29.0879, 27.6363



48.3520, -14.0900, -71.7419



48.3520, 31.2456, -54.8179

Sweetspot

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



48.3520, 10.1132, 29.9711



81.9365, -3.3616, 24.9400



31.6696, 55.2643, 12.4778



37.5551, -1.3416, 12.5883



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



48.3520, 10.1132, 29.9711



64.7675, 14.2770, 40.1594



62.5510, -26.9964, 38.0709



30.7047, -1.6585, 4.1142



40.5507, 8.1495, 25.1298



7.8639, 0.2207, 4.8495

Inverse Universe

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



25.3442, 24.6850, -84.9651



33.5674, 34.7625, -116.9987



18.8984, 49.7984, -122.9509



29.4449, -1.4434, -1.0233



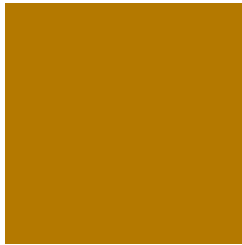
21.4329, 19.9299, -69.8123



5.0378, 0.8081, -8.0413

Previews

White Background



This preview shows how the HunterLab color 48.3508, 10.1159, 29.9707 looks on a white background.

Color Contrast Check

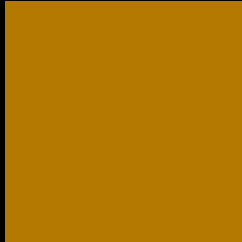
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.3508, 10.1159, 29.9707 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 48.3508, 10.1159, 29.9707 Background



This preview shows how black text looks on a background with the HunterLab color 48.3508, 10.1159, 29.9707.



This preview shows how white text looks on a background with the HunterLab color 48.3508, 10.1159,

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

48.3508, 10.1159, 29.9707

Protanopia

48.5394, -7.0962, 29.3607

Deuteranopia

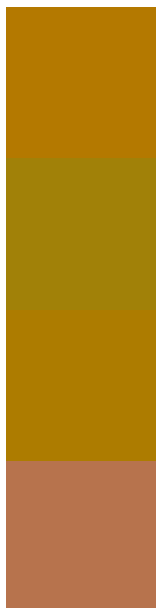
48.3288, 3.4138, 29.8397



Tritanopia

48.2526, 23.7730, 7.9223

Trichromacy



Original Color

48.3508, 10.1159, 29.9707

Protanomaly

48.2650, -0.9110, 29.4425

Deuteranomaly

48.2696, 5.9114, 29.8470

Tritanomaly

47.8169, 17.1064, 21.0582

Monochromacy



Original Color

48.3508, 10.1159, 29.9707

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

45.8413, -1.0495, 18.4128

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.3508, 10.1159, 29.9707 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(180, 121, 0)` looks like.

```
.text, #text, p{  
    color:rgb(180, 121, 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(180, 121, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 121, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 48.3508, 10.1159, 29.9707 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(180, 121, 0) }
```


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

```
.border{ border-color:rgb(180, 121, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 121, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 121, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 121, 0);  
box-shadow:4px 4px 4px 4px rgb(180, 121,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.3508, 10.1159, 29.9707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 121, 0) }
```

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

```
.background{ background-color: rgb(180,  
121, 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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