

Converting Colors

HunterLab(50.6450, 0.9594,
34.3591)

Have a look what the booklet for
HunterLab(50.6450, 0.9594,
34.3591) contains.

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Color

**HunterLab(50.7678, 2.0207,
31.3183)**

Conversions

Conversions Part 1

Format	Color
Hex	AE8500
RGB	174, 133, 0
RGB Percent	68%, 52%, 0%
CMY	0.3177, 0.4784, 1.0000
CMYK	0.00, 0.24, 1.00, 0.32
HSL	46°, 100%, 34%
HSV	46°, 100%, 68%
XYZ	25.8430, 25.7737, 3.6127
YIQ	130.0970, 67.1290, -32.6710

Conversions

Conversions Part 2

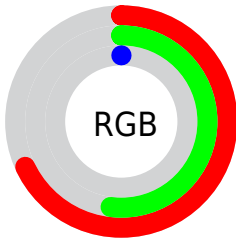
Format	Color
R_{YB}	54, 174, 0
Decimal	11437312
CIE _{Lab}	57.82, 5.72, 63.01
CIE _{LCh}	58, 63.270, 84.812
Yxy	25.7750, 0.4679, 0.4667
Android (android.graphics.Color)	4289627392 (0xFFAE8500)
YUV	130.0970, -64.1378, 38.5029
Hunter-Lab	50.7678, 2.0207, 31.3183

Details

The HunterLab color **50.7678, 2.0207, 31.3183** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **21.5455, 32.1614, -96.3558**, and the grayscale version is **47.5123, -2.5351, 2.5814**.

A 20% lighter version of the original color is **72.8285, 1.3844, 40.3172**, and **31.8160, 3.2673, 19.6620** is the 20% darker color. If you saturate the color by 10%, you get **50.7685, 2.0191, 31.3187**, and if you desaturate by 10%, it is **51.9243, 0.3011, 31.3760**.

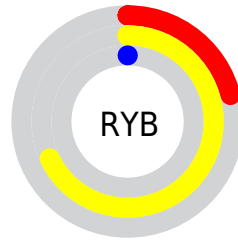
Distribution



Red (68%)

Green (52%)

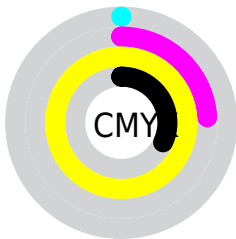
Blue (0%)



Red (21%)

Yellow (68%)

Blue (0%)

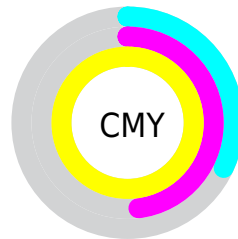


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (32%)



Cyan (32%)

Magenta (48%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.7678, 2.0207, 31.3183 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 50.7678, 2.0207, 31.3183 by changing the saturation by 10% instead.

■ 50.7678, 2.0207,
31.3183

■ 50.7678, 2.0207,
31.3183

167.8320, -1.9870,
66.6737

■ 40.8110, 2.2305,
26.5111

■ 72.7404, 1.4268,
40.2346

■ 31.6055, 2.3775,
21.8352

■ 84.6744, 1.0577,
44.3989

■ 23.2201, 2.4488,
16.2541

■ 97.1980, 0.6449,
48.4026

■ 15.7445, 2.4288,
11.0211

■ 110.2844, 0.1912,
52.2677

■ 9.3061, 2.2947,
6.5143

■ 123.9106, -0.3008,
56.0130

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 138.0558, -0.8291,

59.6540

0.0000, NaN, NaN

152.7018, -1.3917,
63.2038

0.0000, NaN, NaN

50.7678, 2.0207,
31.3183

50.7678, 2.0207,
31.3183

50.7685, 2.0191,
31.3187

51.9243, 0.3011,
31.3760

53.1308, -1.2241,
30.9597

54.3987, -2.4942,
29.9087

55.7302, -3.4902,
28.1839

57.1264, -4.2016,
25.7674

■ 58.5873, -4.6239,
22.6563

■ 60.1123, -4.7572,
18.8586

■ 61.7003, -4.6049,
14.3903

■ 63.3499, -4.1734,
9.2729

Harmonies

Analogous

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



50.7691, 30.4186, 28.6781



50.7678, 2.0207, 31.3183



50.7691, -22.5238, 30.1211

Triad

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



50.7691, 2.0183, 31.3187



50.7691, -41.4378, -22.3231



50.7691, 46.4726, -34.2403

Complementary

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



50.7678, 2.0207, 31.3183



21.5455, 32.1614, -96.3558

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.



50.7691, 20.6987, -64.6289



50.7678, 2.0207, 31.3183



50.7691, -29.0568, -55.6068

Square

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



50.7691, 2.0183, 31.3187



50.7691, -44.4172, 6.9873



50.7691, -7.2745, -73.9862



50.7691, 59.2592, -1.8576

Rectangle

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



50.7678, 2.0207, 31.3183



50.7691, -34.0858, 26.6471



50.7691, -7.2745, -73.9862



50.7691, 38.8117, -45.5753

Sweetspot

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



50.7691, 2.0183, 31.3187



80.8482, -6.4073, 25.6966



30.2934, 52.4650, 15.0161



37.7113, -3.0038, 13.1541



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



50.7691, 2.0183, 31.3187



68.1127, 3.1824, 42.0265



59.2093, -29.9996, 35.9591



30.0091, -1.9544, 4.2056



43.3460, 1.5289, 26.7364



7.7428, -0.6127, 4.7603

Inverse Universe

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



21.5455, 32.1614, -96.3558



28.5180, 44.9390, -132.6554



18.9229, 48.5526, -112.9576



28.3764, -1.0561, -1.2390



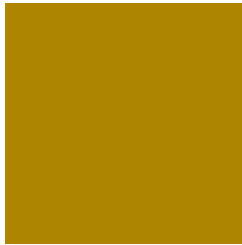
18.5610, 26.7164, -80.8726



4.2314, 1.5740, -8.6866

Previews

White Background



This preview shows how the HunterLab color 50.7678, 2.0207, 31.3183 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 50.7678, 2.0207, 31.3183 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 50.7678, 2.0207, 31.3183 Background



This preview shows how black text looks on a background with the HunterLab color 50.7678, 2.0207, 31.3183.

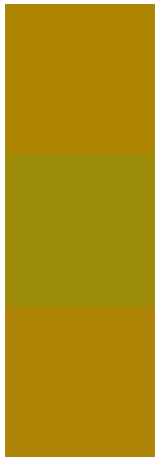


This preview shows how white text looks on a background with the HunterLab color 50.7678, 2.0207,

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

50.7678, 2.0207, 31.3183

Protanopia

50.9352, -7.3708, 30.9562

Deuteranopia

50.7425, 3.3454, 31.0910



Tritanopia

50.9240, 17.7831, 5.8546

Trichromacy



Original Color

50.7678, 2.0207, 31.3183

Protanomaly

50.6863, -3.8896, 30.9630

Deuteranomaly

50.6214, 2.9252, 31.1093

Tritanomaly

50.2987, 9.8857, 21.0363

Monochromacy



Original Color

50.7678, 2.0207, 31.3183

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.9251, -3.6727, 19.3426

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.7678, 2.0207, 31.3183 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(174, 133, 0)` looks like.

```
.text, #text, p{  
    color:rgb(174, 133, 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(174, 133, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 133, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 50.7678, 2.0207, 31.3183 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(174, 133, 0) }
```


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

```
.border{ border-color:rgb(174, 133, 0) }
```

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

Here you see how a box with a 4 pixel rgb(174, 133, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 133, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 133, 0);  
box-shadow:4px 4px 4px 4px rgb(174, 133,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.7678, 2.0207, 31.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 133, 0) }
```

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

```
.background{ background-color: rgb(174,  
133, 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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