

Converting Colors

HunterLab(49.6901, 2.2732,
30.2449)

Have a look what the booklet for
HunterLab(49.6901, 2.2732,
30.2449) contains.

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Color

**HunterLab(49.6485, 2.4346,
30.2204)**

Conversions

Conversions Part 1

Format	Color
Hex	AB820C
RGB	171, 130, 12
RGB Percent	67%, 51%, 5%
CMY	0.3294, 0.4902, 0.9529
CMYK	0.00, 0.24, 0.93, 0.33
HSL	45°, 87%, 36%
HSV	45°, 93%, 67%
XYZ	24.8436, 24.6497, 3.7963
YIQ	128.8070, 62.3140, -28.0060

Conversions

Conversions Part 2

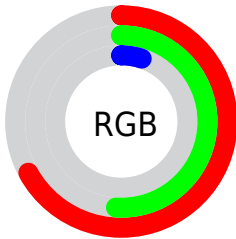
Format	Color
R_{YB}	67, 171, 12
Decimal	11239948
CIE _{Lab}	56.73, 6.18, 60.06
CIE _{LCh}	57, 60.380, 84.121
Yxy	24.6510, 0.4662, 0.4626
Android (android.graphics.Color)	4289430028 (0xFFAB820C)
YUV	128.8070, -57.5859, 37.0033
Hunter-Lab	49.6485, 2.4346, 30.2204

Details

The HunterLab color **49.6485, 2.4346, 30.2204** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **23.5902, 25.1195, -81.8568**, and the grayscale version is **46.9809, -2.5068, 2.5526**.

A 20% lighter version of the original color is **71.5339, 1.5011, 38.8807**, and **30.7608, 3.5115, 19.0161** is the 20% darker color. If you saturate the color by 10%, you get **48.7985, 3.7529, 30.1351**, and if you desaturate by 10%, it is **50.9038, 0.6877, 30.0166**.

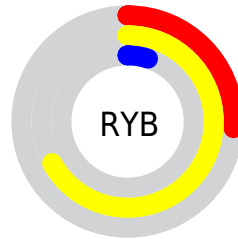
Distribution



Red (67%)

Green (51%)

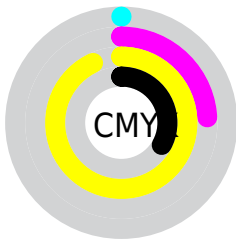
Blue (5%)



Red (26%)

Yellow (67%)

Blue (5%)

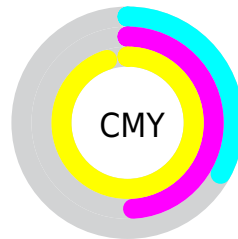


Cyan (0%)

Magenta (24%)

Yellow (93%)

Black (33%)



Cyan (33%)

Magenta (49%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6485, 2.4346, 30.2204 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 49.6485, 2.4346, 30.2204 by changing the saturation by 10% instead.

■ 49.6485, 2.4346,
30.2204

■ 49.6485, 2.4346,
30.2204

166.1611, -1.3523,
64.2384

■ 39.7708, 2.6122,
25.5817

■ 71.4776, 1.8987,
38.8044

■ 30.6511, 2.7241,
21.0133

■ 83.3456, 1.5562,
42.8093

■ 22.3599, 2.7566,
15.6519

■ 95.8063, 1.1685,
46.6590

■ 14.9902, 2.6924,
10.4931

■ 108.8326, 0.7388,
50.3758

■ 8.6340, 2.6626,
6.0438

■ 122.4010, 0.2698,
53.9779

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.4907, -0.2363,

57.4809

0.0000, NaN, NaN

151.0830, -0.7775,
60.8974

0.0000, NaN, NaN

49.6485, 2.4346,
30.2204

49.6485, 2.4346,
30.2204

48.7985, 3.7529,
30.1351

50.9038, 0.6877,
30.0166

52.2214, -0.8113,
29.2052

53.6049, -2.0439,
27.7438

55.0550, -2.9988,
25.6134

56.5714, -3.6709,
22.8113

■ 58.1533, -4.0603,
19.3462

■ 59.7993, -4.1706,
15.2348

■ 61.5079, -4.0082,
10.4994

■ 63.2770, -3.5816,
5.1663

Harmonies

Analogous

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



49.6497, 29.2131, 27.4842



49.6485, 2.4346, 30.2204



49.6497, -21.0172, 29.1092

Triad

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



49.6497, 2.4322, 30.2208



49.6497, -39.7214, -20.1852



49.6497, 43.2573, -32.8089

Complementary

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



49.6485, 2.4346, 30.2204



23.5902, 25.1195, -81.8568

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.



49.6497, 18.8445, -60.8423



49.6485, 2.4346, 30.2204



49.6497, -28.0775, -51.3494

Square

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



49.6497, 2.4322, 30.2208



49.6497, -42.3828, 7.2147



49.6497, -7.5392, -68.9321



49.6497, 55.6297, -2.2773

Rectangle

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



49.6485, 2.4346, 30.2204



49.6497, -32.1947, 25.7744



49.6497, -7.5392, -68.9321



49.6497, 35.9771, -43.3452

Sweetspot

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



49.6497, 2.4322, 30.2208



78.8017, -5.5456, 23.5296



30.3170, 50.5790, 12.6430



36.7796, -2.5703, 12.1600



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



49.6497, 2.4322, 30.2208



65.0302, 5.5169, 40.1679



58.4913, -27.7601, 35.2032



29.9588, -1.8713, 4.1521



42.4732, 3.0726, 26.2256



7.6386, -0.4411, 4.6991

Inverse Universe

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



23.5902, 25.1195, -81.8568



28.6569, 41.0276, -124.3855



19.6444, 45.1657, -103.3874



28.4262, -1.1396, -1.1770



19.1154, 25.0047, -77.8705



4.3603, 1.3096, -8.2771

Previews

White Background



This preview shows how the HunterLab color 49.6485, 2.4346, 30.2204 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 49.6485, 2.4346, 30.2204 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 49.6485, 2.4346, 30.2204 Background



This preview shows how black text looks on a background with the HunterLab color 49.6485, 2.4346, 30.2204.



This preview shows how white text looks on a background with the HunterLab color 49.6485, 2.4346,

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

49.6485, 2.4346, 30.2204

Protanopia

49.7954, -6.9949, 30.0231

Deuteranopia

49.4977, 3.3045, 30.1020



Tritanopia

49.6322, 17.4340, 5.6597

Trichromacy



Original Color

49.6485, 2.4346, 30.2204

Protanomaly

49.5535, -3.5029, 29.9762

Deuteranomaly

49.4977, 3.3045, 30.1020

Tritanomaly

49.2112, 10.3906, 19.6420

Monochromacy



Original Color

49.6485, 2.4346, 30.2204

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

47.2247, -3.1479, 17.9911

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6485, 2.4346, 30.2204 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(171, 130, 12)` looks like.

```
.text, #text, p{  
    color:rgb(171, 130, 12)  
}
```

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(171, 130, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 130, 12) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6485, 2.4346, 30.2204 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(171, 130, 12) }
```


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

```
.border{ border-color:rgb(171, 130, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 130, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 130, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 130, 12);  
box-shadow:4px 4px 4px 4px rgb(171, 130,  
12) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6485, 2.4346, 30.2204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 130, 12) }
```

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

```
.background{ background-color: rgb(171,  
130, 12) }
```

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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