

Converting Colors

HunterLab(64.9519, 2.5162,
24.4349)

Have a look what the booklet for
HunterLab(64.9519, 2.5162,
24.4349) contains.

HunterLab(64.9235, 2.3379, 24.3942)	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(64.9235, 2.3379,
24.3942)**

Conversions

Conversions Part 1

Format	Color
Hex	CCA876
RGB	204, 168, 118
RGB Percent	80%, 66%, 46%
CMY	0.2000, 0.3412, 0.5372
CMYK	0.00, 0.18, 0.42, 0.20
HSL	35°, 46%, 63%
HSV	35°, 42%, 80%
XYZ	42.1745, 42.1506, 23.0526
YIQ	173.0640, 37.5060, -7.9180

Conversions

Conversions Part 2

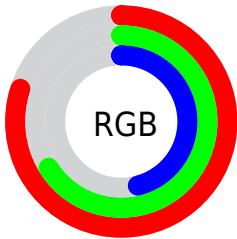
Format	Color
RYB	180, 204, 118
Decimal	13412470
CIELab	70.98, 6.47, 30.76
CIELCh	71, 31.429, 78.118
Yxy	42.1526, 0.3928, 0.3925
Android (android.graphics.Color)	4291602550 (0xFFCCA876)
YUV	173.0640, -27.1466, 27.1309
Hunter-Lab	64.9235, 2.3379, 24.3942

Details

The HunterLab color $64.9235, 2.3379, 24.3942$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $55.9654, -2.4930, -26.0783$, and the grayscale version is $64.7698, -3.4560, 3.5191$.

A 20% lighter version of the original color is $87.7358, -0.9927, 28.0085$, and $43.8365, 2.8208, 19.4462$ is the 20% darker color. If you saturate the color by 10%, you get $62.1843, 4.7524, 27.4772$, and if you desaturate by 10%, it is $67.7852, 0.2717, 20.6087$.

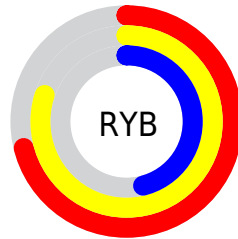
Distribution



Red (80%)

Green (66%)

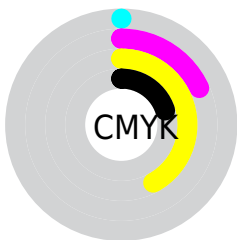
Blue (46%)



Red (71%)

Yellow (80%)

Blue (46%)

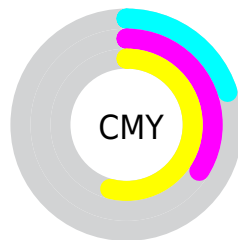


Cyan (0%)

Magenta (18%)

Yellow (42%)

Black (20%)



Cyan (20%)

Magenta (34%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.9235, 2.3379, 24.3942 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 64.9235, 2.3379, 24.3942 by changing the saturation by 10% instead.

■ 64.9235, 2.3379,
24.3942

■ 64.9235, 2.3379,
24.3942

188.4450, -1.8592,
43.4602

■ 54.0563, 2.5843,
22.0153

■ 88.5610, 1.6850,
28.9167

■ 43.8724, 2.7752,
19.5260

■ 101.2647, 1.2917,
31.0903

■ 34.4232, 2.9008,
16.8933

■ 114.5237, 0.8570,
33.2206

■ 25.7707, 2.9510,
14.0693

128.3157, 0.3835,
35.3158

■ 17.9967, 2.9110,
11.3516

142.6207, -0.1266,
37.3825

■ 11.2145, 2.7578,
7.8501

157.4211, -0.6715,

■ 3.2871, 8.4029,

39.4261

2.3010

172.7007, -1.2495,
41.4508

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.9235, 2.3379,
24.3942

■ 64.9235, 2.3379,
24.3942

■ 62.1843, 4.7524,
27.4772

■ 67.7852, 0.2717,
20.6087

■ 59.5703, 7.5306,
29.8134

■ 70.7573, -1.4519,
16.1655

■ 57.0903, 10.6698,
31.3724

■ 73.8343, -2.8523,
11.1137

■ 54.7507, 14.1572,
32.1425


■ 77.0094, -3.9480,
5.5011


■ 52.5561, 17.9629,

■ 80.2764, -4.7585,


32.1462


-0.6270

 50.9310, 21.1052,
31.7529

 83.6293, -5.3030,
-7.2282

 86.8447, -6.7993,
-11.1957

 89.5703, -11.1958,
-7.6276

 92.3429, -15.5432,
-4.1151

Harmonies

Analogous

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



64.9250, 16.0812, 20.2521



64.9235, 2.3379, 24.3942



64.9250, -11.8599, 23.9227

Triad

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



64.9250, 2.3354, 24.3950



64.9250, -27.7550, -5.2067



64.9250, 18.4717, -16.6357

Complementary

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



64.9235, 2.3379, 24.3942



55.9654, -2.4930, -26.0783

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.



64.9250, 5.3736, -26.8327



64.9235, 2.3379, 24.3942



64.9250, -20.9465, -19.3070

Square

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



64.9250, 2.3354, 24.3950



64.9250, -28.4139, 8.7294



64.9250, -9.0739, -27.9049



64.9250, 25.9264, -2.1296

Rectangle

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



64.9235, 2.3379, 24.3942



64.9250, -19.6985, 21.0364



64.9250, -9.0739, -27.9049



64.9250, 14.5329, -20.8056

Sweetspot

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



64.9250, 2.3354, 24.3950



94.6100, -3.5062, 14.9949



53.0756, 32.6275, -1.4969



43.3574, -1.4477, 7.6322

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.9250, 2.3354, 24.3950



80.1943, 5.9522, 35.1875



75.1903, -17.1050, 32.5170



35.0415, -1.4937, 4.5119



40.6379, 16.2527, 25.3254



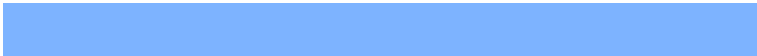
9.9995, 2.1389, 6.1991

Inverse Universe

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



55.9654, -2.4930, -26.0783



66.3098, -1.1058, -43.7517



46.4567, 17.2617, -43.9789



34.0628, -2.0650, -0.9270



26.5452, 14.1409, -63.7054



7.1584, 0.9215, -10.9366

Previews

White Background



This preview shows how the HunterLab color 64.9235, 2.3379, 24.3942 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 64.9235, 2.3379, 24.3942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

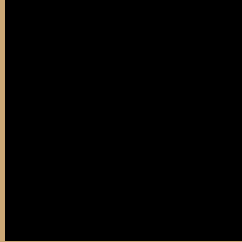
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 64.9235, 2.3379, 24.3942 Background



This preview shows how black text looks on a background with the HunterLab color 64.9235, 2.3379, 24.3942.



This preview shows how white text looks on a background with the HunterLab color 64.9235, 2.3379,

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

64.9235, 2.3379, 24.3942

Protanopia

65.0535, -6.1038, 23.7838

Deuteranopia

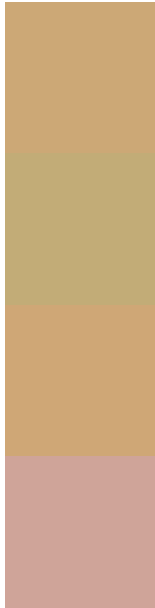
64.8000, 4.8252, 24.3317



Tritanopia

64.8554, 14.7103, 4.0785

Trichromacy



Original Color

64.9235, 2.3379, 24.3942

Protanomaly

65.0433, -3.1459, 24.1153

Deuteranomaly

64.9699, 3.9499, 24.4621

Tritanomaly

64.8970, 9.5359, 12.6230

Monochromacy



Original Color

64.9235, 2.3379, 24.3942

Achromatopsia

64.6440, -3.4492, 3.5122

Achromatomaly

64.5105, -1.9929, 12.0180

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.9235, 2.3379, 24.3942 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(204, 168, 118)` looks like.

```
.text, #text, p{  
    color:rgb(204, 168, 118)  
}
```

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(204, 168, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 168, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 64.9235, 2.3379, 24.3942 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(204, 168, 118) }
```


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

```
.border{ border-color:rgb(204, 168, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 168, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 168, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 168, 118);  
box-shadow:4px 4px 4px 4px rgb(204, 168,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.9235, 2.3379, 24.3942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 168, 118) }
```

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

```
.background{ background-color: rgb(204,  
168, 118) }
```

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