

Converting Colors

HunterLab(63.7645, 2.6063,
24.8105)

Have a look what the booklet for
HunterLab(63.7645, 2.6063,
24.8105) contains.

HunterLab(63.7645, 2.6063, 24.8105)	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(63.7645, 2.6063,
24.8105)**

Conversions

Conversions Part 1

Format	Color
Hex	CAA571
RGB	202, 165, 113
RGB Percent	79%, 65%, 44%
CMY	0.2078, 0.3529, 0.5569
CMYK	0.00, 0.18, 0.44, 0.21
HSL	35°, 46%, 62%
HSV	35°, 44%, 79%
XYZ	40.7929, 40.6591, 21.3208
YIQ	170.1350, 38.7440, -8.3280

Conversions

Conversions Part 2

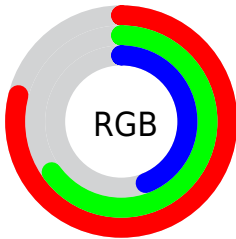
Format	Color
RYB	176, 202, 113
Decimal	13280625
CIELab	69.94, 6.74, 32.03
CIElCh	70, 32.729, 78.124
Yxy	40.6610, 0.3969, 0.3956
Android (android.graphics.Color)	4291470705 (0xFFCAA571)
YUV	170.1350, -28.1676, 27.9456
Hunter-Lab	63.7645, 2.6063, 24.8105

Details

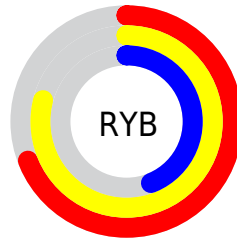
The HunterLab color $63.7645, 2.6063, 24.8105$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $54.3935, -2.0667, -27.4262$, and the grayscale version is $63.5602, -3.3914, 3.4533$.

A 20% lighter version of the original color is $86.6966, -0.1328, 29.0755$, and $42.7685, 3.1379, 19.6844$ is the 20% darker color. If you saturate the color by 10%, you get $61.0943, 5.0304, 27.7286$, and if you desaturate by 10%, it is $66.5561, 0.5280, 21.1879$.

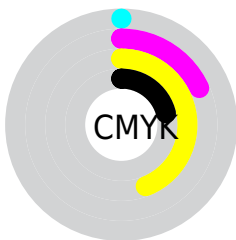
Distribution



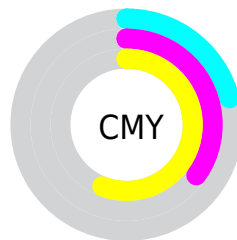
- Red (79%)
- Green (65%)
- Blue (44%)



- Red (69%)
- Yellow (79%)
- Blue (44%)



- Cyan (0%)
- Magenta (18%)
- Yellow (44%)
- Black (21%)



- Cyan (21%)
- Magenta (35%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.7645, 2.6063, 24.8105 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 63.7645, 2.6063, 24.8105 by changing the saturation by 10% instead.

63.7645, 2.6063,
24.8105

63.7645, 2.6063,
24.8105

186.7892, -1.4572,
44.4723

52.9663, 2.8336,
22.3388

87.2749, 1.9882,
29.4961

42.8563, 3.0040,
19.7470

99.9196, 1.6108,
31.7424

33.4866, 3.1071,
16.9994

113.1220, 1.1913,
33.9410

24.9211, 3.1322,
14.0453

126.8596, 0.7324,
36.1005

17.2441, 3.0637,
11.5066

141.1122, 0.2363,
38.2282

10.5733, 2.8768,
7.4013

155.8619, -0.2950,

0.0000, INF, NaN

40.3297

0.0000, NaN, NaN

171.0925, -0.8600,
42.4098

0.0000, NaN, NaN

■ 63.7645, 2.6063,
24.8105

■ 63.7645, 2.6063,
24.8105

■ 61.0943, 5.0304,
27.7286

■ 66.5561, 0.5280,
21.1879

■ 58.5480, 7.8144,
29.9005

■ 69.4574, -1.2090,
16.9039

■ 56.1341, 10.9535,
31.2995

■ 72.4628, -2.6234,
12.0068

■ 53.8584, 14.4327,
31.9197

■ 75.5659, -3.7329,
6.5437

■ 51.7247, 18.2185,
31.7927

■ 78.7603, -4.5567,
0.5598

■ 50.5185, 20.5593,
31.4892

■ 82.0403, -5.1136,
-5.9024

■ 85.4004, -5.4224,
-12.8038

■ 88.0854, -9.6358,
-9.5710

■ 90.7943, -13.9247,
-6.0770

Harmonies

Analogous

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



63.7660, 16.8875, 20.6249



63.7645, 2.6063, 24.8105



63.7660, -12.0831, 24.3348

Triad

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



63.7660, 2.6038, 24.8113



63.7660, -28.4348, -5.6110



63.7660, 19.3816, -17.5553

Complementary

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



63.7645, 2.6063, 24.8105



54.3935, -2.0667, -27.4262

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.



63.7660, 5.7618, -28.2780



63.7645, 2.6063, 24.8105



63.7660, -21.4411, -20.3643

Square

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



63.7660, 2.6038, 24.8113



63.7660, -29.1117, 8.8337



63.7660, -9.2008, -29.4101



63.7660, 27.1528, -2.4022

Rectangle

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



63.7645, 2.6063, 24.8105



63.7660, -20.1612, 21.4177



63.7660, -9.2008, -29.4101



63.7660, 15.2809, -21.9339

Sweetspot

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



63.7660, 2.6038, 24.8113



94.6398, -3.5563, 15.0260



51.5479, 33.6699, -0.8757



43.3735, -1.4747, 7.6487

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.7660, 2.6038, 24.8113



79.6097, 6.4329, 35.9694



74.1485, -17.8203, 32.8854



35.0493, -1.5068, 4.5203



40.7455, 16.0254, 25.3878



10.0207, 2.0980, 6.2114

Inverse Universe

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



54.3935, -2.0667, -27.4262



65.0110, -0.3560, -46.2290



44.8307, 18.5782, -45.9493



34.0549, -2.0520, -0.9366



26.4344, 14.3907, -64.1061



7.1357, 0.9635, -10.9988

Previews

White Background



This preview shows how the HunterLab color 63.7645, 2.6063, 24.8105 looks on a white background.

Color Contrast Check

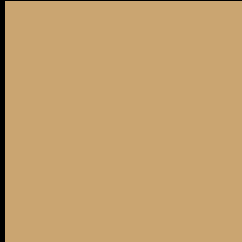
Large Text (above 18pt) WCAG AA × Fail

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 63.7645, 2.6063, 24.8105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

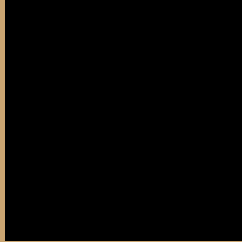
Any Text WCAG AA ✓ Pass

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 63.7645, 2.6063, 24.8105 Background



This preview shows how black text looks on a background with the HunterLab color 63.7645, 2.6063, 24.8105.

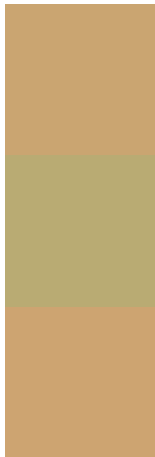


This preview shows how white text looks on a background with the HunterLab color 63.7645, 2.6063,

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

63.7645, 2.6063, 24.8105

Protanopia

63.7792, -6.2000, 24.1139

Deuteranopia

63.8140, 4.2212, 24.8806



Tritanopia

63.8482, 15.4558, 4.2983

Trichromacy



Original Color

63.7645, 2.6063, 24.8105

Protanomaly

63.7708, -3.2434, 24.4375

Deuteranomaly

63.7029, 3.8475, 24.7802

Tritanomaly

63.8604, 10.1784, 13.1298

Monochromacy



Original Color

63.7645, 2.6063, 24.8105

Achromatopsia

63.4017, -3.3830, 3.4447

Achromatomaly

63.3406, -1.7324, 12.3844

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.7645, 2.6063, 24.8105 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(202, 165, 113)` looks like.

```
.text, #text, p{  
    color:rgb(202, 165, 113)  
}
```

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(202, 165, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 165, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 63.7645, 2.6063, 24.8105 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(202, 165, 113) }
```


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

```
.border{ border-color:rgb(202, 165, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 165, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 165, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 165, 113);  
box-shadow:4px 4px 4px 4px rgb(202, 165,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.7645, 2.6063, 24.8105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 165, 113) }
```

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

```
.background{ background-color: rgb(202,  
165, 113) }
```

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