

Converting Colors

HunterLab(63.3168, 8.1352,
30.9134)

Have a look what the booklet for
HunterLab(63.3168, 8.1352,
30.9134) contains.

HunterLab(63.4512, 7.8873, 31.0097)	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(63.4512, 7.8873,
31.0097)**

Conversions

Conversions Part 1

Format	Color
Hex	D7A056
RGB	215, 160, 86
RGB Percent	84%, 63%, 34%
CMY	0.1569, 0.3725, 0.6627
CMYK	0.00, 0.26, 0.60, 0.16
HSL	34°, 62%, 59%
HSV	34°, 60%, 84%
XYZ	42.2748, 40.2605, 14.3470
YIQ	168.0090, 56.5340, -11.3540

Conversions

Conversions Part 2

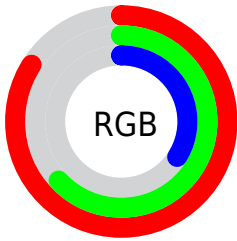
Format	Color
RYB	182, 215, 86
Decimal	14131286
CIELab	69.66, 12.46, 45.91
CIELCh	70, 47.570, 74.812
Yxy	40.2625, 0.4363, 0.4156
Android (android.graphics.Color)	4292321366 (0xFFD7A056)
YUV	168.0090, -40.4304, 41.2111
Hunter-Lab	63.4512, 7.8873, 31.0097

Details

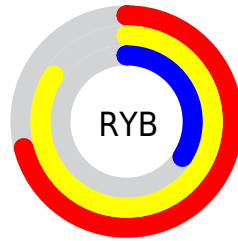
The HunterLab color **63.4512, 7.8873, 31.0097** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **50.9247, 0.7118, -43.4582**, and the grayscale version is **62.7257, -3.3469, 3.4080**.

A 20% lighter version of the original color is **84.6734, -0.3419, 35.3328**, and **42.6998, 7.5934, 24.1268** is the 20% darker color. If you saturate the color by 10%, you get **60.7492, 11.2354, 32.8226**, and if you desaturate by 10%, it is **66.3015, 4.9198, 28.3777**.

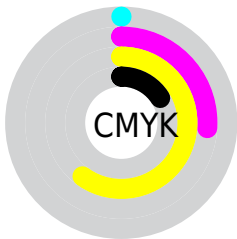
Distribution



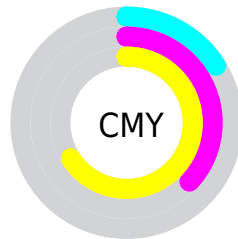
- Red (84%)
- Green (63%)
- Blue (34%)



- Red (71%)
- Yellow (84%)
- Blue (34%)



- Cyan (0%)
- Magenta (26%)
- Yellow (60%)
- Black (16%)



- Cyan (16%)
- Magenta (37%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.4512, 7.8873, 31.0097 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 63.4512, 7.8873, 31.0097 by changing the saturation by 10% instead.

63.4512, 7.8873,
31.0097

63.4512, 7.8873,
31.0097

186.3408, 5.9167,
56.9747

52.6719, 7.8285,
27.6159

86.9270, 7.7988,
37.3648

42.5820, 7.6963,
24.0329

99.5556, 7.6692,
40.3734

33.2340, 7.4766,
20.2195

112.7427, 7.4880,
43.2938

24.6923, 7.1546,
16.4079

126.4655, 7.2587,
46.1397

17.0417, 6.7089,
11.9292

140.7039, 6.9845,
48.9224

10.4016, 6.1082,
7.2811

155.4398, 6.6679,

0.0000, INF, NaN

51.6509

0.0000, NaN, NaN

170.6570, 6.3113,
54.3329

0.0000, NaN, NaN

■ 63.4512, 7.8873,
31.0097

■ 63.4512, 7.8873,
31.0097

■ 60.7492, 11.2354,
32.8226

■ 66.3015, 4.9198,
28.3777

■ 58.1985, 14.9623,
33.7950

■ 69.2872, 2.3404,
24.9626

■ 55.8066, 19.0361,
33.9411

■ 72.4014, 0.1358,
20.8130

■ 53.5706, 23.3721,
33.4190

■ 75.6359, -1.7093,
15.9809

■ 53.5704, 23.3726,
33.4190

■ 78.9827, -3.2140,
10.5189

■ 82.4345, -4.3986,
4.4781

■ 85.9843, -5.2844,
-2.0934

■ 89.5170, -6.4897,
-7.6154

■ 92.4489, -11.2323,
-3.9046

Harmonies

Analogous

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



63.4528, 28.9111, 25.4979



63.4512, 7.8873, 31.0097



63.4528, -13.6807, 31.0422

Triad

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



63.4528, 7.8843, 31.0104



63.4528, -38.8147, -7.5221



63.4528, 28.6818, -31.5331

Complementary

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



63.4512, 7.8873, 31.0097



50.9247, 0.7118, -43.4582

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.



63.4528, 7.6033, -47.9682



63.4512, 7.8873, 31.0097



63.4528, -30.2928, -31.2569

Square

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



63.4528, 7.8843, 31.0104



63.4528, -38.7606, 12.9735



63.4528, -13.9266, -47.8529



63.4528, 41.9692, -7.8159

Rectangle

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



63.4512, 7.8873, 31.0097



63.4528, -25.4401, 28.1160



63.4528, -13.9266, -47.8529



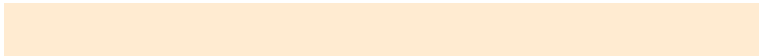
63.4528, 22.1567, -38.3977

Sweetspot

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



63.4528, 7.8843, 31.0104



92.4839, -2.4367, 18.2327



48.0135, 50.6585, -1.0809



42.2438, -0.8537, 9.2891

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.4528, 7.8843, 31.0104



72.8404, 14.8061, 40.2358



79.0263, -21.8697, 41.7071



36.8671, -1.5324, 4.7417



41.6882, 17.5237, 25.9949



11.0040, 2.7367, 6.8285

Inverse Universe

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



50.9247, 0.7118, -43.4582



55.0298, 5.9780, -67.9181



37.3816, 31.3812, -78.3844



35.8754, -2.2119, -0.9665



27.7094, 14.0471, -64.9580



7.9080, 1.2094, -12.4949

Previews

White Background



This preview shows how the HunterLab color 63.4512, 7.8873, 31.0097 looks on a white background.

Color Contrast Check

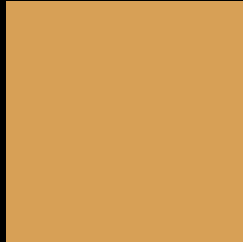
Large Text (above 18pt) WCAG AA × Fail

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 63.4512, 7.8873, 31.0097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

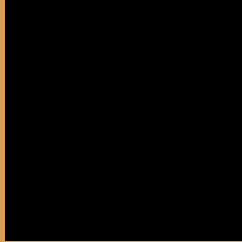
Any Text WCAG AA ✓ Pass

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 63.4512, 7.8873, 31.0097 Background



This preview shows how black text looks on a background with the HunterLab color 63.4512, 7.8873, 31.0097.



This preview shows how white text looks on a background with the HunterLab color 63.4512, 7.8873,

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

63.4512, 7.8873, 31.0097

Protanopia

63.6831, -7.3234, 30.1074

Deuteranopia

63.4020, 4.8660, 31.1163



Tritanopia

63.3638, 22.9134, 7.0230

Trichromacy



Original Color

63.4512, 7.8873, 31.0097

Protanomaly

63.5330, -1.8611, 30.2962

Deuteranomaly

63.3582, 6.1428, 31.1061

Tritanomaly

63.1827, 16.9633, 17.7204

Monochromacy



Original Color

63.4512, 7.8873, 31.0097

Achromatopsia

62.5758, -3.3389, 3.3999

Achromatomaly

62.4976, -0.6955, 15.6879

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.4512, 7.8873, 31.0097 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(215, 160, 86)` looks like.

```
.text, #text, p{  
    color:rgb(215, 160, 86)  
}
```

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(215, 160, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 160, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 63.4512, 7.8873, 31.0097 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(215, 160, 86) }
```


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

```
.border{ border-color:rgb(215, 160, 86) }
```

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

Here you see how a box with a 4 pixel rgb(215, 160, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 160, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 160, 86);  
box-shadow:4px 4px 4px 4px rgb(215, 160,  
86) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.4512, 7.8873, 31.0097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 160, 86) }
```

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

```
.background{ background-color: rgb(215,  
160, 86) }
```

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