

Converting Colors

HunterLab(64.2378, 8.8142,
31.3482)

Have a look what the booklet for
HunterLab(64.2378, 8.8142,
31.3482) contains.

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Color

**HunterLab(64.2168, 9.0318,
31.4031)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA157
RGB	219, 161, 87
RGB Percent	86%, 63%, 34%
CMY	0.1412, 0.3686, 0.6588
CMYK	0.00, 0.26, 0.60, 0.14
HSL	34°, 65%, 60%
HSV	34°, 60%, 86%
XYZ	43.6786, 41.2380, 14.6745
YIQ	169.9060, 58.3220, -10.7180

Conversions

Conversions Part 2

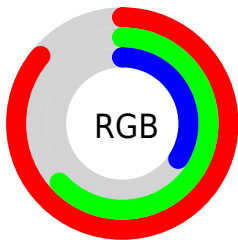
Format	Color
RYB	190, 219, 87
Decimal	14393687
CIELab	70.34, 13.68, 46.33
CIELCh	70, 48.302, 73.551
Yxy	41.2400, 0.4386, 0.4141
Android (android.graphics.Color)	4292583767 (0xFFDBA157)
YUV	169.9060, -40.8727, 43.0554
Hunter-Lab	64.2168, 9.0318, 31.4031

Details

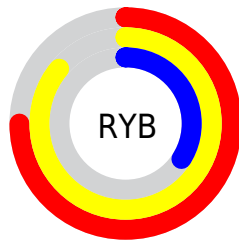
The HunterLab color **64.2168, 9.0318, 31.4031** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **52.3359, -0.0399, -43.6741**, and the grayscale version is **63.5108, -3.3888, 3.4507**.

A 20% lighter version of the original color is **84.9917, -0.7631, 35.3185**, and **43.3117, 8.3080, 24.4379** is the 20% darker color. If you saturate the color by 10%, you get **61.4003, 12.6119, 33.2111**, and if you desaturate by 10%, it is **67.1919, 5.8414, 28.7633**.

Distribution



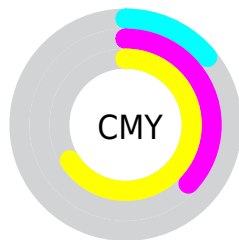
- Red (86%)
- Green (63%)
- Blue (34%)



- Red (75%)
- Yellow (86%)
- Blue (34%)



- Cyan (0%)
- Magenta (26%)
- Yellow (60%)
- Black (14%)



- Cyan (14%)
- Magenta (37%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.2168, 9.0318, 31.4031 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 64.2168, 9.0318, 31.4031 by changing the saturation by 10% instead.

64.2168, 9.0318,
31.4031

64.2168, 9.0318,
31.4031

187.4360, 7.4658,
57.5134

53.3916, 8.9192,
27.9931

87.7770, 9.0441,
37.7915

43.2527, 8.7307,
24.3950

100.4448, 8.9622,
40.8167

33.8518, 8.4519,
20.5677

113.6694, 8.8270,
43.7536

25.2522, 8.0677,
16.6931

127.4283, 8.6422,
46.6159

17.5371, 7.5566,
12.2760

141.7014, 8.4112,
49.4146

10.8225, 6.8881,
7.5758

156.4710, 8.1365,

1.9508, 30.4470,

52.1589

1.3655

171.7207, 7.8207,
54.8564

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.2168, 9.0318,
31.4031

■ 64.2168, 9.0318,
31.4031

■ 61.4003, 12.6119,
33.2111

■ 67.1919, 5.8414,
28.7633

■ 58.7463, 16.5786,
34.1631

■ 70.3113, 3.0488,
25.3311

■ 56.2636, 20.8964,
34.2720

■ 73.5672, 0.6405,
21.1585

■ 54.0108, 25.3468,
33.7249

■ 76.9505, -1.3999,
16.3003

■ 80.4525, -3.0922,

10.8118

■ 84.0649, -4.4579,
4.7459

■ 87.7803, -5.5194,
-1.8476

■ 91.3334, -7.7199,
-5.2715

■ 94.4303, -12.6907,
-1.4361

Harmonies

Analogous

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



64.2184, 30.2978, 25.5471



64.2168, 9.0318, 31.4031



64.2184, -13.0707, 31.6528

Triad

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



64.2184, 9.0288, 31.4038



64.2184, -39.6857, -6.6971



64.2184, 28.4900, -33.1682

Complementary

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



64.2168, 9.0318, 31.4031



52.3359, -0.0399, -43.6741

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.



64.2184, 6.8153, -49.4109



64.2168, 9.0318, 31.4031



64.2184, -31.3738, -30.9876

Square

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



64.2184, 9.0288, 31.4038



64.2184, -39.2610, 13.9045



64.2184, -15.0058, -48.5000



64.2184, 42.5295, -9.0130

Rectangle

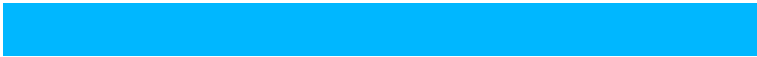
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.2168, 9.0318, 31.4031



64.2184, -25.2339, 28.8521



64.2184, -15.0058, -48.5000



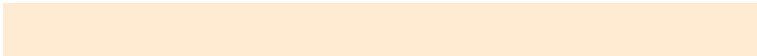
64.2184, 21.7375, -40.0489

Sweetspot

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



64.2184, 9.0288, 31.4038



92.2983, -2.1229, 18.0459



48.9537, 52.3118, -2.0537



42.1446, -0.6853, 9.1915

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.2184, 9.0288, 31.4038



72.1953, 16.0497, 39.8163



80.8749, -21.6439, 42.8451



37.7578, -1.5051, 4.8274



41.8560, 18.9397, 26.1230



11.4261, 3.2146, 7.0970

Inverse Universe

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



52.3359, -0.0399, -43.6741



55.7248, 4.7190, -66.2406



37.8021, 31.9213, -81.2603



36.8156, -2.3324, -0.9519



28.6826, 13.1505, -64.2391



8.3826, 1.1793, -13.0232

Previews

White Background



This preview shows how the HunterLab color 64.2168, 9.0318, 31.4031 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 64.2168, 9.0318, 31.4031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

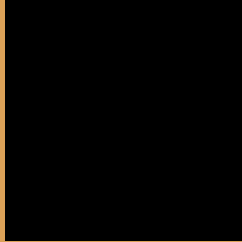
Any Text WCAG AA ✓ Pass

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 64.2168, 9.0318, 31.4031 Background



This preview shows how black text looks on a background with the HunterLab color 64.2168, 9.0318, 31.4031.



This preview shows how white text looks on a background with the HunterLab color 64.2168, 9.0318,

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

64.2168, 9.0318, 31.4031

Protanopia

64.1931, -7.0170, 30.2911

Deuteranopia

64.2027, 4.7123, 31.5135



Tritanopia

64.1439, 24.0513, 7.4820

Trichromacy



Original Color

64.2168, 9.0318, 31.4031

Protanomaly

64.1568, -1.1641, 30.5736

Deuteranomaly

64.2755, 6.3817, 31.5967

Tritanomaly

63.9595, 18.1141, 18.1367

Monochromacy



Original Color

64.2168, 9.0318, 31.4031

Achromatopsia

63.4017, -3.3830, 3.4447

Achromatomaly

63.4210, -0.4002, 15.8779

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.2168, 9.0318, 31.4031 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(219, 161, 87)` looks like.

```
.text, #text, p{  
  color:rgb(219, 161, 87)  
}
```

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(219, 161, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 161, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 64.2168, 9.0318, 31.4031 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(219, 161, 87) }
```


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

```
.border{ border-color:rgb(219, 161, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 161, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 161, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 161, 87);  
box-shadow:4px 4px 4px 4px rgb(219, 161,  
87) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.2168, 9.0318, 31.4031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 161, 87) }
```

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

```
.background{ background-color: rgb(219,  
161, 87) }
```

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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