

Converting Colors

HunterLab(64.3809, 8.8344,
37.1682)

Have a look what the booklet for
HunterLab(64.3809, 8.8344,
37.1682) contains.

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Color

**HunterLab(64.3424, 8.7193,
37.1226)**

Conversions

Conversions Part 1

Format	Color
Hex	DFA131
RGB	223, 161, 49
RGB Percent	87%, 63%, 19%
CMY	0.1255, 0.3686, 0.8078
CMYK	0.00, 0.28, 0.78, 0.13
HSL	39°, 73%, 53%
HSV	39°, 78%, 87%
XYZ	43.7307, 41.3994, 8.5917
YIQ	166.7700, 72.9040, -21.6880

Conversions

Conversions Part 2

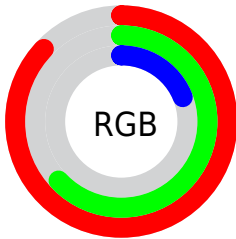
Format	Color
R _Y B	145, 223, 49
Decimal	14655793
CIE Lab	70.46, 13.34, 63.28
CIE LCh	70, 64.668, 78.091
Yxy	41.4015, 0.4666, 0.4417
Android (android.graphics.Color)	4292845873 (0xFFDFA131)
YUV	166.7700, -58.0606, 49.3137
Hunter-Lab	64.3424, 8.7193, 37.1226

Details

The HunterLab color **64.3424, 8.7193, 37.1226** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **41.6521, 13.9764, -73.4634**, and the grayscale version is **62.2804, -3.3231, 3.3838**.

A 20% lighter version of the original color is **84.4815, -3.5438, 42.8036**, and **43.5183, 8.6675, 26.9675** is the 20% darker color. If you saturate the color by 10%, you get **62.1032, 12.1151, 37.5069**, and if you desaturate by 10%, it is **66.7117, 5.6867, 35.8635**.

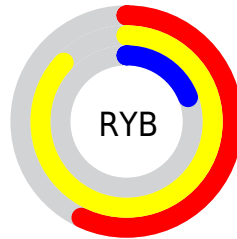
Distribution



Red (87%)

Green (63%)

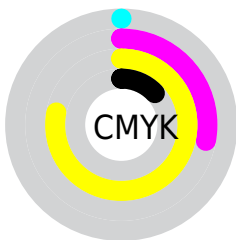
Blue (19%)



Red (57%)

Yellow (87%)

Blue (19%)

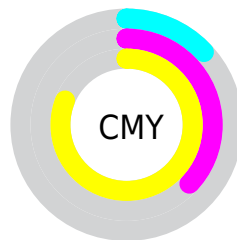


Cyan (0%)

Magenta (28%)

Yellow (78%)

Black (13%)



Cyan (13%)


Magenta (37%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.3424, 8.7193, 37.1226 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 64.3424, 8.7193, 37.1226 by changing the saturation by 10% instead.

 64.3424, 8.7193,
37.1226


 64.3424, 8.7193,
37.1226

187.6156, 7.0296,
71.1568

 53.5098, 8.6233,
32.6002

 87.9165, 8.7002,
45.5739


 43.3628, 8.4526,
27.8411


 100.5906, 8.6036,
49.5542

 33.9533, 8.1928,
22.9767


 113.8214, 8.4544,
53.4005

 25.3443, 7.8288,
17.7410

 127.5861, 8.2560,
57.1307

 17.6186, 7.3396,
12.3330

 141.8650, 8.0119,
60.7597

 10.8920, 6.6946,
7.6244

 156.6400, 7.7245,

 2.2476, 25.7521,

64.3002

1.5733

171.8951, 7.3964,
67.7629

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.3424, 8.7193,
37.1226

■ 64.3424, 8.7193,
37.1226

■ 62.1032, 12.1151,
37.5069

■ 66.7117, 5.6867,
35.8635

■ 59.9864, 15.8316,
37.1155

■ 69.2043, 3.0494,
33.7039

■ 59.5796, 16.5818,
37.0030

■ 71.8181, 0.8123,
30.6518

■ 74.5484, -1.0262,
26.7336

■ 77.3901, -2.4750,

21.9875

■ 80.3378, -3.5473,
16.4582

■ 83.3860, -4.2597,
10.1936

■ 86.5295, -4.6305,
3.2423

■ 89.7631, -4.6789,
-4.3479

Harmonies

Analogous

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



64.3440, 39.0941, 32.1440



64.3424, 8.7193, 37.1226



64.3440, -20.1504, 36.6128

Triad

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



64.3440, 8.7160, 37.1232



64.3440, -49.0376, -15.6484



64.3440, 44.5549, -44.0835

Complementary

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



64.3424, 8.7193, 37.1226



41.6521, 13.9764, -73.4634

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.



64.3440, 15.1790, -71.9930



64.3424, 8.7193, 37.1226



64.3440, -37.1673, -51.1189

Square

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



64.3440, 8.7160, 37.1232



64.3440, -50.1372, 13.6897



64.3440, -14.7495, -75.0289



64.3440, 62.1483, -8.6824

Rectangle

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



64.3424, 8.7193, 37.1226



64.3440, -34.8773, 33.1768



64.3440, -14.7495, -75.0289



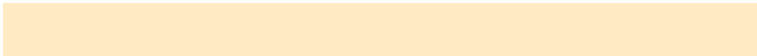
64.3440, 35.5106, -55.2278

Sweetspot

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



64.3440, 8.7160, 37.1232



91.7421, -3.5406, 22.5828



43.6722, 64.5811, 6.9107



41.8702, -1.4137, 11.5026

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.3440, 8.7160, 37.1232



70.6356, 16.9618, 43.4334



80.7766, -29.3047, 47.1280



38.9422, -1.9623, 5.2244



45.9268, 12.2361, 28.5141



12.7639, 1.9288, 7.8988

Inverse Universe

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



41.6521, 13.9764, -73.4634



40.7111, 29.0604, -112.1883



29.8499, 50.0512, -119.3953



37.4679, -1.9700, -1.2967



25.7941, 21.2382, -78.0875



7.9134, 3.0100, -16.3887

Previews

White Background



This preview shows how the HunterLab color 64.3424, 8.7193, 37.1226 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 64.3424, 8.7193, 37.1226 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 64.3424, 8.7193, 37.1226 Background



This preview shows how black text looks on a background with the HunterLab color 64.3424, 8.7193, 37.1226.



This preview shows how white text looks on a background with the HunterLab color 64.3424, 8.7193,

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

64.3424, 8.7193, 37.1226

Protanopia

64.5015, -8.2388, 36.6150

Deuteranopia

64.4329, 4.7712, 37.2137



Tritanopia

64.2217, 26.7533, 8.4840

Trichromacy



Original Color

64.3424, 8.7193, 37.1226

Protanomaly

64.4935, -2.2589, 36.8218

Deuteranomaly

64.3955, 6.0687, 37.2119

Tritanomaly

63.8925, 18.6154, 22.9101

Monochromacy



Original Color

64.3424, 8.7193, 37.1226

Achromatopsia

62.1634, -3.3169, 3.3775

Achromatomaly

62.3941, -1.6599, 20.2978

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.3424, 8.7193, 37.1226 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(223, 161, 49)` looks like.

```
.text, #text, p{  
    color:rgb(223, 161, 49)  
}
```

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(223, 161, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 161, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 64.3424, 8.7193, 37.1226 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(223, 161, 49) }
```


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

```
.border{ border-color:rgb(223, 161, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 161, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 161, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 161, 49);  
box-shadow:4px 4px 4px 4px rgb(223, 161,  
49) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.3424, 8.7193, 37.1226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 161, 49) }
```

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

```
.background{ background-color: rgb(223,  
161, 49) }
```

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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