

Converting Colors

HunterLab(68.4353, -4.8823,
42.0841)

Have a look what the booklet for
HunterLab(68.4353, -4.8823,
42.0841) contains.

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Color

**HunterLab(68.5118, -5.1208,
42.1270)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B400
RGB	214, 180, 0
RGB Percent	84%, 71%, 0%
CMY	0.1608, 0.2941, 0.9999
CMYK	0.00, 0.16, 1.00, 0.16
HSL	50°, 100%, 42%
HSV	50°, 100%, 84%
XYZ	44.0528, 46.9387, 6.7382
YIQ	169.6460, 78.0440, -48.7720

Conversions

Conversions Part 2

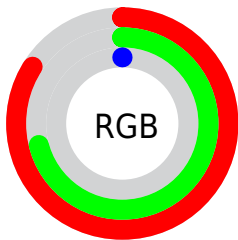
Format	Color
RYB	40, 214, 0
Decimal	14070784
CIELab	74.15, -1.64, 76.32
CIELCh	74, 76.340, 91.230
Yxy	46.9409, 0.4508, 0.4803
Android (android.graphics.Color)	4292260864 (0xFFD6B400)
YUV	169.6460, -83.6355, 38.8985
Hunter-Lab	68.5118, -5.1208, 42.1270

Details

The HunterLab color **68.5118, -5.1208, 42.1270** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **24.4947, 49.7569, -138.0242**, and the grayscale version is **63.5693, -3.3919, 3.4538**.

A 20% lighter version of the original color is **90.1420, -14.3888, 50.3013**, and **47.2317, -3.1192, 29.0494** is the 20% darker color. If you saturate the color by 10%, you get **68.5126, -5.1225, 42.1274**, and if you desaturate by 10%, it is **69.5602, -6.5426, 42.1259**.

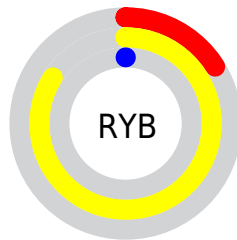
Distribution



Red (84%)

Green (71%)

Blue (0%)



Red (16%)

Yellow (84%)

Blue (0%)

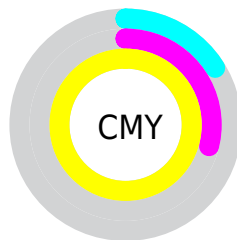


Cyan (0%)

Magenta (16%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (29%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.5118, -5.1208, 42.1270 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 68.5118, -5.1208, 42.1270 by changing the saturation by 10% instead.

68.5118, -5.1208,
42.1270

68.5118, -5.1208,
42.1270

193.5404,
-12.4116, 81.8600

57.4360, -4.4478,
36.8776

92.5340, -6.5623,
51.9909

47.0298, -3.8021,
31.3956

105.4167, -7.3228,
56.6470

37.3412, -3.1881,
26.1388

118.8473, -8.1096,
61.1469

28.4279, -2.6069,
19.8995

132.8042, -8.9218,
65.5086

20.3645, -2.0598,
14.2551

147.2684, -9.7588,
69.7480

13.2522, -1.5476,
9.2765

162.2226,

6.7797, -1.4153,

-10.6199, 73.8787

4.7458

177.6514,
-11.5043, 77.9126

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.5118, -5.1208,
42.1270

■ 68.5118, -5.1208,
42.1270

■ 68.5126, -5.1225,
42.1274

■ 69.5602, -6.5426,
42.1259

■ 70.6591, -7.7178,
41.5016

■ 71.8223, -8.5795,
40.0752

■ 73.0544, -9.0978,
37.7765

■ 74.3588, -9.2536,

34.5624

■ 75.7373, -9.0350,
30.4104

■ 77.1910, -8.4364,
25.3132

■ 78.7202, -7.4573,
19.2759

■ 80.3247, -6.1009,
12.3134

Harmonies

Analogous

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



68.5135, 32.5286, 39.7903



68.5118, -5.1208, 42.1270



68.5135, -35.6836, 39.3281

Triad

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



68.5135, -5.1238, 42.1275



68.5135, -52.9497, -39.3934



68.5135, 67.3257, -35.6345

Complementary

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



68.5118, -5.1208, 42.1270



24.4947, 49.7569, -138.0242

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.



68.5135, 35.6006, -78.6752



68.5118, -5.1208, 42.1270



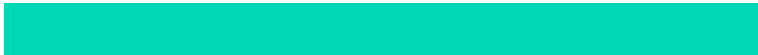
68.5135, -33.6122, -81.5168

Square

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



68.5135, -5.1238, 42.1275



68.5135, -59.5791, 2.3157



68.5135, -2.1826, -98.6530



68.5135, 79.1651, 5.1136

Rectangle

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



68.5118, -5.1208, 42.1270



68.5135, -49.3086, 33.2740



68.5135, -2.1826, -98.6530



68.5135, 58.3522, -50.9163

Sweetspot

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



68.5135, -5.1238, 42.1275



94.0766, -10.3175, 31.0778



37.9762, 65.3629, 21.9787



43.1703, -4.9406, 15.6608

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.5135, -5.1238, 42.1275



83.4276, -6.0466, 51.3018



73.4188, -42.6170, 44.4938



37.6408, -2.8142, 5.5650



53.3848, -4.1779, 32.8223



13.4580, -1.5872, 8.2650

Inverse Universe

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



24.4947, 49.7569, -138.0242



29.6179, 61.6291, -170.0594



24.9161, 62.1502, -134.9430



35.1057, -0.9260, -1.9233



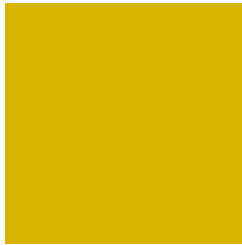
19.3001, 37.7316, -105.5752



5.7140, 6.1588, -20.4371

Previews

White Background



This preview shows how the HunterLab color 68.5118, -5.1208, 42.1270 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 68.5118, -5.1208, 42.1270 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 68.5118, -5.1208, 42.1270 Background



This preview shows how black text looks on a background with the HunterLab color 68.5118, -5.1208, 42.1270.

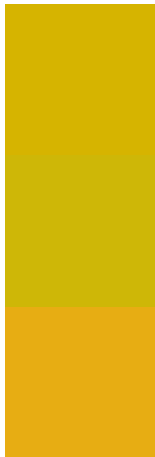


This preview shows how white text looks on a background with the HunterLab color 68.5118, -5.1208, 42.1270.

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

68.5118, -5.1208, 42.1270

Protanopia

68.5596, -9.5214, 41.9056

Deuteranopia

68.5004, 5.2458, 41.7682



Tritanopia

68.3959, 18.0981, 5.0309

Trichromacy



Original Color

68.5118, -5.1208, 42.1270

Protanomaly

68.5711, -7.9491, 42.0147

Deuteranomaly

68.6183, 1.2525, 42.0037

Tritanomaly

67.7927, 6.0688, 27.6944

Monochromacy



Original Color

68.5118, -5.1208, 42.1270

Achromatopsia

63.4017, -3.3830, 3.4447

Achromatomaly

64.6482, -7.9572, 26.6852

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.5118, -5.1208, 42.1270 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(214, 180, 0)` looks like.

```
.text, #text, p{  
    color:rgb(214, 180, 0)  
}
```

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(214, 180, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 180, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 68.5118, -5.1208, 42.1270 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(214, 180, 0) }
```


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

```
.border{ border-color:rgb(214, 180, 0) }
```

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

Here you see how a box with a 4 pixel rgb(214, 180, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 180, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 180, 0);  
box-shadow:4px 4px 4px 4px rgb(214, 180,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.5118, -5.1208, 42.1270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 180, 0) }
```

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

```
.background{ background-color: rgb(214,  
180, 0) }
```

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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