

Converting Colors

HunterLab(70.4999, -0.8270,
34.5697)

Have a look what the booklet for
HunterLab(70.4999, -0.8270,
34.5697) contains.

HunterLab(70.3418, -0.6242, 34.4075)	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(70.3418, -0.6242,
34.4075)**

Conversions

Conversions Part 1

Format	Color
Hex	DCB65E
RGB	220, 182, 94
RGB Percent	86%, 71%, 37%
CMY	0.1373, 0.2863, 0.6314
CMYK	0.00, 0.17, 0.57, 0.14
HSL	42°, 64%, 62%
HSV	42°, 57%, 86%
XYZ	48.2635, 49.4797, 17.5964
YIQ	183.3300, 50.8960, -19.3120

Conversions

Conversions Part 2

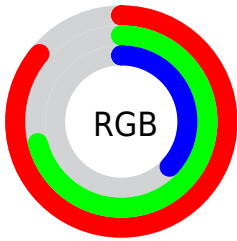
Format	Color
RYB	148, 220, 94
Decimal	14464606
CIELab	75.75, 3.43, 49.25
CIELCh	76, 49.368, 86.019
Yxy	49.4821, 0.4184, 0.4290
Android (android.graphics.Color)	4292654686 (0xFFDCB65E)
YUV	183.3300, -44.0397, 32.1596
Hunter-Lab	70.3418, -0.6242, 34.4075

Details

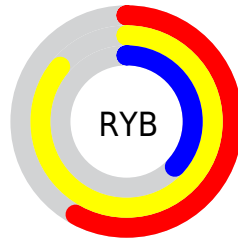
The HunterLab color **70.3418, -0.6242, 34.4075** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **49.0393, 8.0379, -51.5046**, and the grayscale version is **69.1170, -3.6879, 3.7553**.

A 20% lighter version of the original color is **91.9324, -11.2178, 38.6494**, and **48.5348, 0.3390, 27.1209** is the 20% darker color. If you saturate the color by 10%, you get **68.1824, 1.3363, 36.7054**, and if you desaturate by 10%, it is **72.6065, -2.2016, 31.2080**.

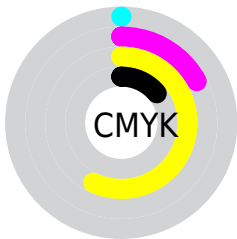
Distribution



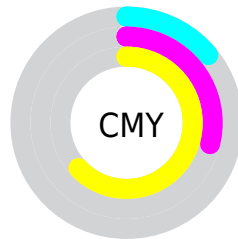
- Red (86%)
- Green (71%)
- Blue (37%)



- Red (58%)
- Yellow (86%)
- Blue (37%)



- Cyan (0%)
- Magenta (17%)
- Yellow (57%)
- Black (14%)



- Cyan (14%)
- Magenta (29%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.3418, -0.6242, 34.4075 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 70.3418, -0.6242, 34.4075 by changing the saturation by 10% instead.

70.3418, -0.6242,
34.4075

70.3418, -0.6242,
34.4075

196.1216, -6.0885,
61.4799

59.1625, -0.2023,
30.8962

94.5553, -1.6013,
41.0100

48.6461, 0.1764,
27.2045

107.5271, -2.1452,
44.1445

38.8393, 0.5042,
23.2956

121.0431, -2.7241,
47.1906

29.7976, 0.7749,
19.1348

135.0824, -3.3362,
50.1613

21.5924, 0.9801,
15.1147

149.6260, -3.9800,
53.0675

14.3197, 1.1067,
10.0238

164.6571, -4.6541,

7.9786, 1.4458,

55.9179

5.5851

180.1603, -5.3573,
58.7199

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.3418, -0.6242,
34.4075

■ 70.3418, -0.6242,
34.4075

■ 68.1824, 1.3363,
36.7054

■ 72.6065, -2.2016,
31.2080

■ 66.1244, 3.6795,
38.1040

■ 74.9691, -3.3867,
27.1196

■ 64.1691, 6.3812,
38.6372

■ 77.4283, -4.1880,
22.1701

■ 62.3123, 9.3983,
38.3970

■ 79.9809, -4.6156,
16.3951

■ 61.8180, 10.2485,

■ 82.6230, -4.6828,

38.2714

9.8350

■ 85.3511, -4.4048,
2.5329

■ 88.1613, -3.7982,
-5.4673

■ 90.4968, -5.9079,
-6.3231

■ 92.6111, -9.3578,
-3.6655

Harmonies

Analogous

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



70.3435, 23.0066, 30.7476



70.3418, -0.6242, 34.4075



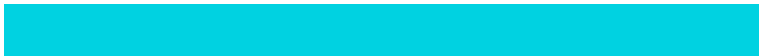
70.3435, -22.3087, 32.3225

Triad

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



70.3435, -0.6271, 34.4082



70.3435, -39.5840, -17.4910



70.3435, 37.2725, -24.3199

Complementary

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



70.3418, -0.6242, 34.4075



49.0393, 8.0379, -51.5046

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.



70.3435, 16.9417, -46.0947



70.3418, -0.6242, 34.4075



70.3435, -27.0350, -41.3365

Square

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



70.3435, -0.6271, 34.4082



70.3435, -43.0212, 6.7173



70.3435, -6.8333, -53.1589



70.3435, 46.6115, 0.8127

Rectangle

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



70.3418, -0.6242, 34.4075



70.3435, -33.1150, 27.4169



70.3435, -6.8333, -53.1589



70.3435, 31.3783, -32.5555

Sweetspot

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



70.3435, -0.6271, 34.4082



94.5819, -5.4597, 19.2845



49.9399, 47.7645, 4.8746



43.4710, -2.4952, 9.5982

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.3435, -0.6271, 34.4082



80.0248, 2.1777, 43.8615



79.9069, -26.7745, 40.9117



38.1660, -2.1855, 5.2641



47.5730, 7.4480, 29.4447



12.7072, 0.8042, 7.8442

Inverse Universe

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



49.0393, 8.0379, -51.5046



50.4142, 16.3820, -79.9124



41.1851, 33.1187, -71.5172



36.4063, -1.6527, -1.4575



23.4827, 25.9677, -85.4083



7.1154, 3.7561, -17.0018

Previews

White Background



This preview shows how the HunterLab color 70.3418, -0.6242, 34.4075 looks on a white background.

Color Contrast Check

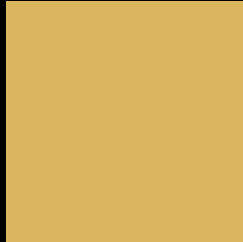
Large Text (above 18pt) WCAG AA × Fail

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 70.3418, -0.6242, 34.4075 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 70.3418, -0.6242, 34.4075 Background



This preview shows how black text looks on a background with the HunterLab color 70.3418, -0.6242, 34.4075.



This preview shows how white text looks on a background with the HunterLab color 70.3418, -0.6242, 34.4075.

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

70.3418, -0.6242, 34.4075

Protanopia

70.3612, -8.1207, 33.8890

Deuteranopia

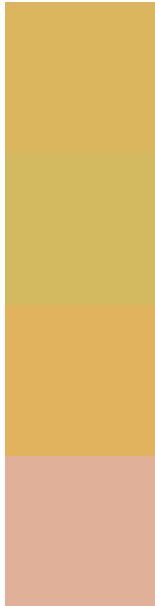
70.3491, 5.3271, 34.3176



Tritanopia

70.3575, 17.6913, 4.9848

Trichromacy



Original Color

70.3418, -0.6242, 34.4075

Protanomaly

70.2659, -5.4019, 34.0677

Deuteranomaly

70.1678, 3.2560, 34.1460

Tritanomaly

70.2319, 9.8769, 18.3718

Monochromacy



Original Color

70.3418, -0.6242, 34.4075

Achromatopsia

68.8136, -3.6717, 3.7388

Achromatomaly

69.1644, -4.1674, 17.4476

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.3418, -0.6242, 34.4075 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(220, 182, 94)` looks like.

```
.text, #text, p{  
  color:rgb(220, 182, 94)  
}
```

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(220, 182, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 182, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 70.3418, -0.6242, 34.4075 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(220, 182, 94) }
```


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

```
.border{ border-color:rgb(220, 182, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 182, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 182, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 182, 94);  
box-shadow:4px 4px 4px 4px rgb(220, 182,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.3418, -0.6242, 34.4075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 182, 94) }
```

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

```
.background{ background-color: rgb(220,  
182, 94) }
```

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