

Converting Colors

HunterLab(65.9630, 7.5468,
33.9740)

Have a look what the booklet for
HunterLab(65.9630, 7.5468,
33.9740) contains.

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Color

**HunterLab(65.9845, 7.6549,
33.9740)**

Conversions

Conversions Part 1

Format	Color
Hex	DFA650
RGB	223, 166, 80
RGB Percent	87%, 65%, 31%
CMY	0.1255, 0.3490, 0.6863
CMYK	0.00, 0.26, 0.64, 0.13
HSL	36°, 69%, 59%
HSV	36°, 64%, 87%
XYZ	45.5155, 43.5395, 13.5944
YIQ	173.2390, 61.5780, -14.6620

Conversions

Conversions Part 2

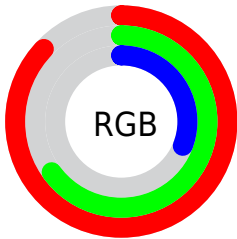
Format	Color
RYB	175, 223, 80
Decimal	14657104
CIELab	71.92, 12.21, 51.63
CIELCh	72, 53.050, 76.690
Yxy	43.5417, 0.4434, 0.4242
Android (android.graphics.Color)	4292847184 (0xFFDFA650)
YUV	173.2390, -45.9668, 43.6404
Hunter-Lab	65.9845, 7.6549, 33.9740

Details

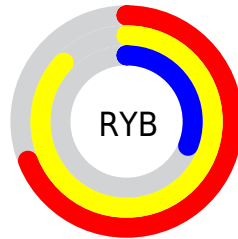
The HunterLab color **65.9845, 7.6549, 33.9740** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **49.9232, 4.0692, -52.0762**, and the grayscale version is **64.9110, -3.4635, 3.5267**.

A 20% lighter version of the original color is **86.3938, -3.9546, 38.1849**, and **44.7336, 7.6540, 26.2426** is the 20% darker color. If you saturate the color by 10%, you get **63.3595, 11.0077, 35.5257**, and if you desaturate by 10%, it is **68.7545, 4.6962, 31.5406**.

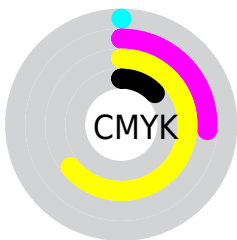
Distribution



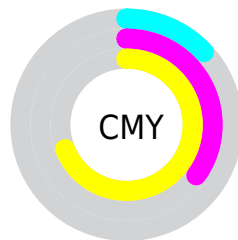
- Red (87%)
- Green (65%)
- Blue (31%)



- Red (69%)
- Yellow (87%)
- Blue (31%)



- Cyan (0%)
- Magenta (26%)
- Yellow (64%)
- Black (13%)



- Cyan (13%)
- Magenta (35%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.9845, 7.6549, 33.9740 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 65.9845, 7.6549, 33.9740 by changing the saturation by 10% instead.

 65.9845, 7.6549,
33.9740

 65.9845, 7.6549,
33.9740


189.9565, 5.4978,
62.4176

 55.0548, 7.6240,
30.2416


 89.7372, 7.5163,
40.9626

 44.8043, 7.5226,
26.3064


 102.4944, 7.3642,
44.2674


 35.2832, 7.3373,
22.1310


 115.8047, 7.1616,
47.4715

 26.5524, 7.0544,
18.0541

 129.6460, 6.9122,
50.5898

 18.6911, 6.6543,
13.0838

 143.9986, 6.6187,
53.6342

 11.8090, 6.1086,
8.2663

158.8449, 6.2837,

 4.6117, 11.2936,

56.6150

3.2282

174.1690, 5.9094,
59.5404

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.9845, 7.6549,
33.9740

■ 65.9845, 7.6549,
33.9740

■ 63.3595, 11.0077,
35.5257

■ 68.7545, 4.6962,
31.5406

■ 60.8800, 14.7470,
36.1929

■ 71.6581, 2.1442,
28.2497

■ 58.5506, 18.8323,
36.0192

■ 74.6896, -0.0110,
24.1429

■ 57.2462, 21.3410,
35.6485

■ 77.8420, -1.7822,
19.2688

■ 81.1080, -3.1865,

13.6794

■ 84.4808, -4.2437,
7.4271

■ 87.9537, -4.9745,
0.5626

■ 91.4000, -6.0629,
-5.1567

■ 94.2432, -10.6825,
-1.6342

Harmonies

Analogous

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



65.9861, 31.9207, 28.5514



65.9845, 7.6549, 33.9740



65.9861, -16.4912, 33.6754

Triad

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



65.9861, 7.6518, 33.9747



65.9861, -42.7897, -10.5868



65.9861, 34.2890, -35.0398

Complementary

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



65.9845, 7.6549, 33.9740



49.9232, 4.0692, -52.0762

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.



65.9861, 10.5281, -55.2131



65.9845, 7.6549, 33.9740



65.9861, -32.7762, -37.9422

Square

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



65.9861, 7.6518, 33.9747



65.9861, -43.3266, 13.0807



65.9861, -14.0029, -56.4352



65.9861, 48.7429, -7.5562

Rectangle

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



65.9845, 7.6549, 33.9740



65.9861, -29.3310, 30.3320



65.9861, -14.0029, -56.4352



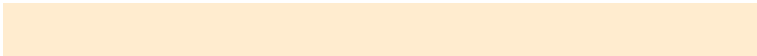
65.9861, 26.9812, -43.2767

Sweetspot

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



65.9861, 7.6518, 33.9747



92.4961, -2.9412, 19.2897



48.2052, 55.7217, 1.4771



42.2885, -1.1348, 9.7764

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.9861, 7.6518, 33.9747



72.7425, 14.2680, 41.7395



81.7715, -25.1243, 44.4442



38.8136, -1.7479, 5.0868



44.1541, 15.8285, 27.4847



12.3489, 2.7173, 7.6569

Inverse Universe

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



49.9232, 4.0692, -52.0762



50.9944, 11.4503, -78.3753



36.6892, 37.1607, -89.5577



37.5970, -2.1842, -1.1374



27.4387, 17.2290, -71.4886



8.3274, 2.1680, -15.0885

Previews

White Background



This preview shows how the HunterLab color 65.9845, 7.6549, 33.9740 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 65.9845, 7.6549, 33.9740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

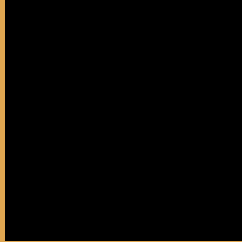
Any Text WCAG AA ✓ Pass

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 65.9845, 7.6549, 33.9740 Background



This preview shows how black text looks on a background with the HunterLab color 65.9845, 7.6549, 33.9740.



This preview shows how white text looks on a background with the HunterLab color 65.9845, 7.6549,

33.9740.

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

65.9845, 7.6549, 33.9740

Protanopia

66.1850, -7.8138, 33.3150

Deuteranopia

66.0529, 5.0074, 34.1494



Tritanopia

65.8992, 24.4158, 7.7039

Trichromacy



Original Color

65.9845, 7.6549, 33.9740

Protanomaly

66.0440, -2.2777, 33.4899

Deuteranomaly

65.8920, 5.9027, 34.0497

Tritanomaly

65.7648, 17.0758, 19.8236

Monochromacy



Original Color

65.9845, 7.6549, 33.9740

Achromatopsia

64.6440, -3.4492, 3.5122

Achromatomaly

64.5677, -0.9722, 17.3398

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.9845, 7.6549, 33.9740 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, 166, 80)` looks like.

```
.text, #text, p{  
    color:rgb(223, 166, 80)  
}
```

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, 166, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 166, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 65.9845, 7.6549, 33.9740 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, 166, 80) }
```


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

```
.border{ border-color:rgb(223, 166, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 166, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 166, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 166, 80);  
box-shadow:4px 4px 4px 4px rgb(223, 166,  
80) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.9845, 7.6549, 33.9740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 166, 80) }
```

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

```
.background{ background-color: rgb(223,  
166, 80) }
```

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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