

Converting Colors

HunterLab(67.8755, 2.9287,
35.5282)

Have a look what the booklet for
HunterLab(67.8755, 2.9287,
35.5282) contains.

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Color

**HunterLab(67.9664, 2.7352,
35.6409)**

Conversions

Conversions Part 1

Format	Color
Hex	DDAE4E
RGB	221, 174, 78
RGB Percent	87%, 68%, 31%
CMY	0.1333, 0.3176, 0.6941
CMYK	0.00, 0.21, 0.65, 0.13
HSL	40°, 68%, 59%
HSV	40°, 65%, 87%
XYZ	46.3300, 46.1943, 13.6822
YIQ	177.1090, 58.8280, -19.8920

Conversions

Conversions Part 2

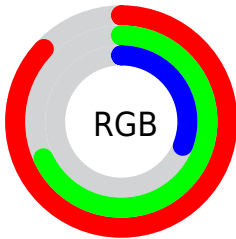
Format	Color
RYB	148, 221, 78
Decimal	14528078
CIELab	73.67, 6.98, 54.43
CIELCh	74, 54.877, 82.691
Yxy	46.1966, 0.4362, 0.4350
Android (android.graphics.Color)	4292718158 (0xFFDDAE4E)
YUV	177.1090, -48.8607, 38.4924
Hunter-Lab	67.9664, 2.7352, 35.6409

Details

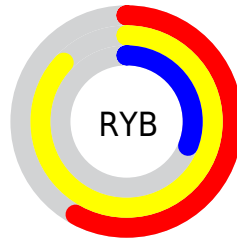
The HunterLab color **67.9664, 2.7352, 35.6409** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **46.3751, 9.3975, -58.7160**, and the grayscale version is **66.5332, -3.5500, 3.6149**.

A 20% lighter version of the original color is **88.8467, -8.1036, 40.2757**, and **46.5472, 3.0032, 27.6340** is the 20% darker color. If you saturate the color by 10%, you get **65.7267, 5.2925, 37.2294**, and if you desaturate by 10%, it is **70.3216, 0.5604, 33.1545**.

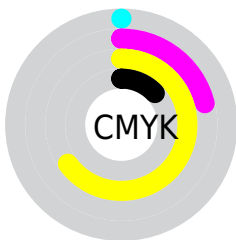
Distribution



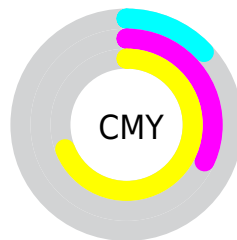
- Red (87%)
- Green (68%)
- Blue (31%)



- Red (58%)
- Yellow (87%)
- Blue (31%)



- Cyan (0%)
- Magenta (21%)
- Yellow (65%)
- Black (13%)



- Cyan (13%)
- Magenta (32%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.9664, 2.7352, 35.6409 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 67.9664, 2.7352, 35.6409 by changing the saturation by 10% instead.

67.9664, 2.7352,
35.6409

67.9664, 2.7352,
35.6409

192.7689, -1.3707,
65.2397

56.9218, 2.9704,
31.7579

91.9310, 2.1031,
42.9173

46.5488, 3.1509,
27.6690

104.7868, 1.7202,
46.3588

36.8960, 3.2665,
23.3391

118.1917, 1.2959,
49.6950

28.0216, 3.3075,
19.0787

132.1239, 0.8327,
52.9408

20.0011, 3.2601,
14.0008

146.5642, 0.3327,
56.1087

12.9376, 3.1034,
9.0563

161.4953, -0.2023,

6.3766, 4.4305,

59.2089

4.4636

176.9016, -0.7706,
62.2501

0.0000, NaN, NaN

0.0000, NaN, NaN

67.9664, 2.7352,
35.6409

67.9664, 2.7352,
35.6409

65.7267, 5.2925,
37.2294

70.3216, 0.5604,
33.1545

63.5989, 8.2244,
37.9364

72.7847, -1.2174,
29.7761

61.5833, 11.4936,
37.8228

75.3539, -2.6040,
25.5309

60.5547, 13.3158,
37.5466

78.0249, -3.6082,
20.4542

80.7935, -4.2427,

14.5874

■ 83.6552, -4.5229,
7.9754

■ 86.6055, -4.4661,
0.6641

■ 89.6401, -4.0902,
-7.3011

■ 91.9470, -7.8449,
-4.4857

Harmonies

Analogous

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



67.9681, 28.7748, 31.3573



67.9664, 2.7352, 35.6409



67.9681, -21.5579, 34.2306

Triad

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



67.9681, 2.7322, 35.6416



67.9681, -43.2677, -16.9038



67.9681, 40.0121, -31.1488

Complementary

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



67.9664, 2.7352, 35.6409



46.3751, 9.3975, -58.7160

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.



67.9681, 16.3727, -55.0627



67.9664, 2.7352, 35.6409



67.9681, -30.9116, -44.9400

Square

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



67.9681, 2.7322, 35.6416



67.9681, -45.8081, 9.3797



67.9681, -9.7669, -60.8722



67.9681, 52.2682, -2.5172

Rectangle

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



67.9664, 2.7352, 35.6409



67.9681, -33.8293, 29.8613



67.9681, -9.7669, -60.8722



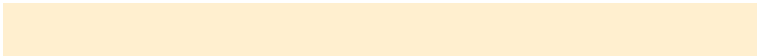
67.9681, 32.9805, -40.3808

Sweetspot

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



67.9681, 2.7322, 35.6416



93.5529, -4.7102, 20.3352



47.2430, 54.4320, 5.4325



42.8489, -2.0746, 10.3179

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.9681, 2.7322, 35.6416



76.2990, 7.5256, 44.2295



80.0972, -28.0717, 43.5284



38.0855, -2.0519, 5.1783



46.3860, 9.7005, 28.7526



12.4455, 1.2747, 7.6912

Inverse Universe

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



46.3751, 9.3975, -58.7160



46.7458, 19.6931, -90.8462



36.7216, 38.9658, -87.1378



36.4865, -1.7865, -1.3579



24.4078, 23.4271, -81.0800



7.3519, 3.2361, -16.1750

Previews

White Background



This preview shows how the HunterLab color 67.9664, 2.7352, 35.6409 looks on a white background.

Color Contrast Check

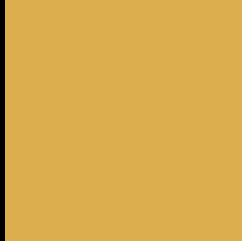
Large Text (above 18pt) WCAG AA × Fail

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 67.9664, 2.7352, 35.6409 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 67.9664, 2.7352, 35.6409 Background



This preview shows how black text looks on a background with the HunterLab color 67.9664, 2.7352, 35.6409.



This preview shows how white text looks on a background with the HunterLab color 67.9664, 2.7352,

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

67.9664, 2.7352, 35.6409

Protanopia

68.1561, -8.5862, 35.2450

Deuteranopia

67.8695, 5.3115, 35.6173



Tritanopia

68.0761, 20.9509, 6.5418

Trichromacy



Original Color

67.9664, 2.7352, 35.6409

Protanomaly

67.9813, -4.6334, 35.3572

Deuteranomaly

68.0327, 4.4137, 35.7172

Tritanomaly

67.8730, 12.9815, 20.3769

Monochromacy



Original Color

67.9664, 2.7352, 35.6409

Achromatopsia

66.3066, -3.5380, 3.6026

Achromatomaly

66.5667, -2.9952, 18.5210

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.9664, 2.7352, 35.6409 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(221, 174, 78)` looks like.

```
.text, #text, p{  
    color:rgb(221, 174, 78)  
}
```

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(221, 174, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 174, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 67.9664, 2.7352, 35.6409 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(221, 174, 78) }
```


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

```
.border{ border-color:rgb(221, 174, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 174, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 174, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 174, 78);  
box-shadow:4px 4px 4px 4px rgb(221, 174,  
78) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.9664, 2.7352, 35.6409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 174, 78) }
```

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

```
.background{ background-color: rgb(221,  
174, 78) }
```

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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