

Converting Colors

HunterLab(67.9362, -0.0744,
41.0600)

Have a look what the booklet for
HunterLab(67.9362, -0.0744,
41.0600) contains.

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Color

**HunterLab(67.7833, -0.0638,
40.9622)**

Conversions

Conversions Part 1

Format	Color
Hex	DCAF19
RGB	220, 175, 25
RGB Percent	86%, 69%, 10%
CMY	0.1373, 0.3137, 0.9019
CMYK	0.00, 0.20, 0.89, 0.14
HSL	46°, 80%, 48%
HSV	46°, 89%, 86%
XYZ	45.0206, 45.9458, 7.4152
YIQ	171.3550, 74.9700, -37.1100

Conversions

Conversions Part 2

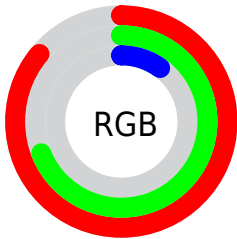
Format	Color
R _Y B	84, 220, 25
Decimal	14462745
CIE Lab	73.51, 3.93, 72.65
CIE LCh	74, 72.760, 86.901
Yxy	45.9480, 0.4576, 0.4670
Android (android.graphics.Color)	4292652825 (0xFFDCAF19)
YUV	171.3550, -72.1530, 42.6617
Hunter-Lab	67.7833, -0.0638, 40.9622

Details

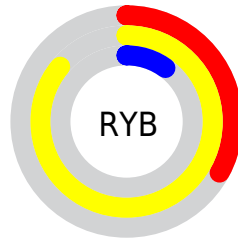
The HunterLab color **67.7833, -0.0638, 40.9622** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **31.2323, 33.9841, -108.6966**, and the grayscale version is **64.2312, -3.4272, 3.4898**.

A 20% lighter version of the original color is **88.6425, -11.4665, 48.0988**, and **46.5183, 1.4004, 28.6889** is the 20% darker color. If you saturate the color by 10%, you get **66.2912, 2.1797, 40.8092**, and if you desaturate by 10%, it is **69.3517, -2.0267, 40.3988**.

Distribution



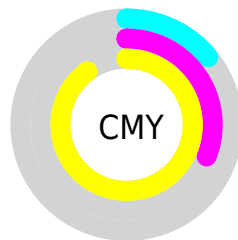
- Red (86%)
- Green (69%)
- Blue (10%)



- Red (33%)
- Yellow (86%)
- Blue (10%)



- Cyan (0%)
- Magenta (20%)
- Yellow (89%)
- Black (14%)



- Cyan (14%)
- Magenta (31%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.7833, -0.0638, 40.9622 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 67.7833, -0.0638, 40.9622 by changing the saturation by 10% instead.

67.7833, -0.0638,
40.9622

67.7833, -0.0638,
40.9622

192.5096, -5.2754,
79.0614

56.7493, 0.3224,
35.9201

91.7285, -0.9761,
50.4214

46.3875, 0.6631,
30.6426

104.5753, -1.4898,
54.8835

36.7466, 0.9497,
25.4556

117.9715, -2.0400,
59.1959

27.8853, 1.1753,
19.5197

131.8953, -2.6244,
63.3764

19.8794, 1.3297,
13.9156

146.3276, -3.2416,
67.4407

12.8324, 1.3975,
8.9826

161.2509, -3.8900,

6.2352, 2.4161,

71.4022

4.3646

176.6497, -4.5683,
75.2725

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.7833, -0.0638,
40.9622

■ 67.7833, -0.0638,
40.9622

■ 66.2912, 2.1797,
40.8092

■ 69.3517, -2.0267,
40.3988

■ 66.0902, 2.4959,
40.7682

■ 70.9998, -3.6446,
38.9831

■ 72.7323, -4.8950,
36.6618

■ 74.5506, -5.7635,
33.4101

■ 76.4549, -6.2439,

29.2240

■ 78.4444, -6.3364,
24.1140

■ 80.5178, -6.0459,
18.1016

■ 82.6733, -5.3808,
11.2161

■ 84.9087, -4.3523,
3.4920

Harmonies

Analogous

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



67.7850, 35.6939, 37.7566



67.7833, -0.0638, 40.9622



67.7850, -30.6175, 38.9307

Triad

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



67.7850, -0.0669, 40.9627



67.7850, -52.4316, -30.7110



67.7850, 59.9479, -39.5572

Complementary

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



67.7833, -0.0638, 40.9622



31.2323, 33.9841, -108.6966

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.



67.7850, 28.3999, -77.9630



67.7833, -0.0638, 40.9622



67.7850, -35.6170, -71.3321

Square

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



67.7850, -0.0669, 40.9627



67.7850, -57.1218, 6.9513



67.7850, -7.1023, -91.7709



67.7850, 74.3481, 0.2575

Rectangle

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



67.7833, -0.0638, 40.9622



67.7850, -44.8858, 33.8187



67.7850, -7.1023, -91.7709



67.7850, 50.7279, -53.6837

Sweetspot

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



67.7850, -0.0669, 40.9627



93.0649, -7.4689, 27.5669



40.4472, 65.9562, 17.4610



42.6741, -3.4720, 13.7962

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.7850, -0.0669, 40.9627



77.9820, 3.1963, 48.1081



77.1889, -38.1463, 46.1888



38.3769, -2.5340, 5.4879



50.8051, 1.6075, 31.3340



13.4121, -0.4152, 8.2572

Inverse Universe

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



31.2323, 33.9841, -108.6966



32.1427, 52.6282, -153.7847



27.2781, 59.1030, -129.3264



36.1971, -1.3025, -1.7182



21.3330, 32.4569, -96.7297



6.5310, 5.1392, -19.2572

Previews

White Background



This preview shows how the HunterLab color 67.7833, -0.0638, 40.9622 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 67.7833, -0.0638, 40.9622 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 67.7833, -0.0638, 40.9622 Background



This preview shows how black text looks on a background with the HunterLab color 67.7833, -0.0638, 40.9622.



This preview shows how white text looks on a background with the HunterLab color 67.7833, -0.0638,

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

67.7833, -0.0638, 40.9622

Protanopia

67.7969, -9.0556, 40.7108

Deuteranopia

67.6045, 5.1749, 40.7847



Tritanopia

67.7846, 21.3341, 6.6672

Trichromacy



Original Color

67.7833, -0.0638, 40.9622

Protanomaly

67.8354, -5.8660, 40.8430

Deuteranomaly

67.5216, 3.4470, 40.7564

Tritanomaly

67.2029, 11.4113, 25.9328

Monochromacy



Original Color

67.7833, -0.0638, 40.9622

Achromatopsia

63.8154, -3.4050, 3.4672

Achromatomaly

64.5228, -4.9983, 23.9216

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.7833, -0.0638, 40.9622 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, 175, 25)` looks like.

```
.text, #text, p{  
    color:rgb(220, 175, 25)  
}
```

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, 175, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 175, 25) }
```

Border

The CSS property to change the border of an element to HunterLab 67.7833, -0.0638, 40.9622 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, 175, 25) }
```


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

```
.border{ border-color:rgb(220, 175, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 175, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 175, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 175, 25);  
box-shadow:4px 4px 4px 4px rgb(220, 175,  
25) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.7833, -0.0638, 40.9622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 175, 25) }
```

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

```
.background{ background-color: rgb(220,  
175, 25) }
```

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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