

Converting Colors

HunterLab(65.9024, 4.8498,
32.1618)

Have a look what the booklet for
HunterLab(65.9024, 4.8498,
32.1618) contains.

HunterLab(65.9380, 4.8602, 32.2175)	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(65.9380, 4.8602,
32.2175)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A859
RGB	217, 168, 89
RGB Percent	85%, 66%, 35%
CMY	0.1490, 0.3412, 0.6510
CMYK	0.00, 0.23, 0.59, 0.15
HSL	37°, 63%, 60%
HSV	37°, 59%, 85%
XYZ	44.4210, 43.4782, 15.5020
YIQ	173.6450, 54.5630, -14.1810

Conversions

Conversions Part 2

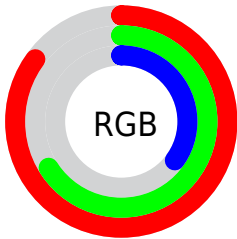
Format	Color
RYB	168, 217, 89
Decimal	14264409
CIELab	71.88, 9.23, 47.08
CIELCh	72, 47.978, 78.908
Yxy	43.4803, 0.4296, 0.4205
Android (android.graphics.Color)	4292454489 (0xFFD9A859)
YUV	173.6450, -41.7300, 38.0223
Hunter-Lab	65.9380, 4.8602, 32.2175

Details

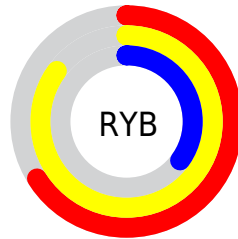
The HunterLab color **65.9380, 4.8602, 32.2175** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **50.3085, 3.2608, -46.3079**, and the grayscale version is **65.0646, -3.4717, 3.5351**.

A 20% lighter version of the original color is **87.1541, -4.1651, 36.4882**, and **44.7305, 5.1630, 25.1089** is the 20% darker color. If you saturate the color by 10%, you get **63.4020, 7.7317, 34.1930**, and if you desaturate by 10%, it is **68.6046, 2.3716, 29.3925**.

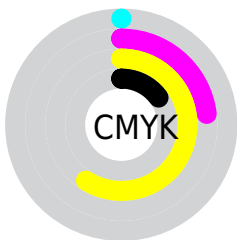
Distribution



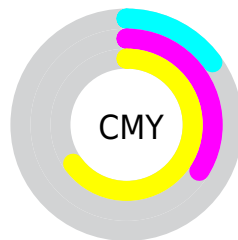
- Red (85%)
- Green (66%)
- Blue (35%)



- Red (66%)
- Yellow (85%)
- Blue (35%)



- Cyan (0%)
- Magenta (23%)
- Yellow (59%)
- Black (15%)




- Cyan (15%)
- Magenta (34%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 65.9380, 4.8602, 32.2175 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 65.9380, 4.8602, 32.2175 by changing the saturation by 10% instead.

 65.9380, 4.8602,
32.2175


 65.9380, 4.8602,
32.2175

189.8903, 1.6337,
58.5696

 55.0111, 4.9743,
28.7834


 89.6857, 4.4521,
38.6584

 44.7634, 5.0259,
25.1636

 102.4405, 4.1735,
41.7109

 35.2455, 5.0032,
21.3186

 115.7486, 3.8493,
44.6752

 26.5180, 4.8943,
17.3303

 129.5877, 3.4824,
47.5649

 18.6605, 4.6819,
13.0624

143.9382, 3.0754,
50.3909

 11.7827, 4.3399,
8.2479

158.7825, 2.6304,

 4.5618, 8.5733,

53.1622

3.1933

174.1047, 2.1492,
55.8863

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.9380, 4.8602,
32.2175

■ 65.9380, 4.8602,
32.2175

■ 63.4020, 7.7317,
34.1930

■ 68.6046, 2.3716,
29.3925

■ 60.9966, 10.9862,
35.3055

■ 71.3911, 0.2729,
25.7461

■ 58.7268, 14.5971,
35.5756

■ 74.2930, -1.4481,
21.3200

■ 56.5892, 18.5006,
35.1276

■ 77.3040, -2.8055,
16.1612

■ 56.3780, 18.9023,

■ 80.4180, -3.8164,

35.0708

10.3185

■ 83.6289, -4.4996,
3.8408

■ 86.9311, -4.8747,
-3.2246

■ 90.0425, -6.4809,
-6.9257

■ 92.6983, -10.7847,
-3.5798

Harmonies

Analogous

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



65.9396, 26.8088, 27.3710



65.9380, 4.8602, 32.2175



65.9396, -16.7392, 31.5294

Triad

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



65.9396, 4.8573, 32.2182



65.9396, -39.1110, -10.9050



65.9396, 31.6708, -28.9048

Complementary

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



65.9380, 4.8602, 32.2175



50.3085, 3.2608, -46.3079

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.



65.9396, 10.8262, -47.2710



65.9380, 4.8602, 32.2175



65.9396, -29.2006, -34.7383

Square

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



65.9396, 4.8573, 32.2182



65.9396, -40.2669, 10.9047



65.9396, -11.5025, -49.7010



65.9396, 43.5929, -4.6740

Rectangle

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



65.9380, 4.8602, 32.2175



65.9396, -28.1530, 27.9395



65.9396, -11.5025, -49.7010



65.9396, 25.3571, -36.2681

Sweetspot

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



65.9396, 4.8573, 32.2182



93.1056, -3.4830, 18.8559



48.7172, 49.5069, 1.5917



42.5764, -1.4151, 9.6148

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.9396, 4.8573, 32.2182



75.3292, 10.2785, 41.5053



79.3175, -24.0526, 41.3888



37.9250, -1.7848, 5.0068



44.1033, 14.2187, 27.4252



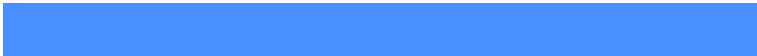
11.9365, 2.2205, 7.3941

Inverse Universe

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



50.3085, 3.2608, -46.3079



53.2862, 9.6908, -72.2629



38.8510, 32.1623, -75.6775



36.6472, -2.0536, -1.1592



26.4060, 18.3571, -72.6330



7.8438, 2.2160, -14.5878

Previews

White Background



This preview shows how the HunterLab color 65.9380, 4.8602, 32.2175 looks on a white background.

Color Contrast Check

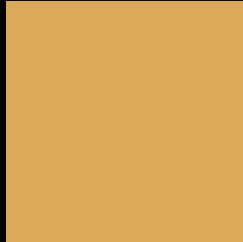
Large Text (above 18pt) WCAG AA × Fail

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 65.9380, 4.8602, 32.2175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

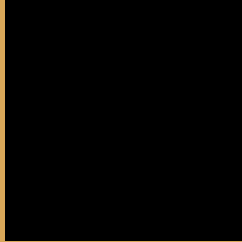
Any Text WCAG AA ✓ Pass

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 65.9380, 4.8602, 32.2175 Background



This preview shows how black text looks on a background with the HunterLab color 65.9380, 4.8602, 32.2175.



This preview shows how white text looks on a background with the HunterLab color 65.9380, 4.8602,

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

65.9380, 4.8602, 32.2175

Protanopia

66.1960, -7.5511, 31.5886

Deuteranopia

65.9380, 4.8602, 32.2175



Tritanopia

66.0181, 20.9816, 6.4458

Trichromacy



Original Color

65.9380, 4.8602, 32.2175

Protanomaly

66.1241, -3.2762, 31.8134

Deuteranomaly

65.9380, 4.8602, 32.2175

Tritanomaly

65.6779, 14.2868, 17.9722

Monochromacy



Original Color

65.9380, 4.8602, 32.2175

Achromatopsia

65.0590, -3.4714, 3.5348

Achromatomaly

65.1424, -1.8021, 16.4570

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.9380, 4.8602, 32.2175 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(217, 168, 89)` looks like.

```
.text, #text, p{  
    color:rgb(217, 168, 89)  
}
```

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(217, 168, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 168, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 65.9380, 4.8602, 32.2175 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(217, 168, 89) }
```


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

```
.border{ border-color:rgb(217, 168, 89) }
```

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

Here you see how a box with a 4 pixel rgb(217, 168, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 168, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 168, 89);  
box-shadow:4px 4px 4px 4px rgb(217, 168,  
89) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.9380, 4.8602, 32.2175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 168, 89) }
```

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

```
.background{ background-color: rgb(217,  
168, 89) }
```

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