

Converting Colors

HunterLab(68.4936, 4.8306,
34.7974)

Have a look what the booklet for
HunterLab(68.4936, 4.8306,
34.7974) contains.

HunterLab(68.5095, 4.7207, 34.8601)	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(68.5095, 4.7207,
34.8601)**

Conversions

Conversions Part 1

Format	Color
Hex	E1AE55
RGB	225, 174, 85
RGB Percent	88%, 68%, 33%
CMY	0.1176, 0.3176, 0.6667
CMYK	0.00, 0.23, 0.62, 0.12
HSL	38°, 70%, 61%
HSV	38°, 62%, 88%
XYZ	47.8270, 46.9355, 15.1330
YIQ	179.1030, 58.9650, -16.8670

Conversions

Conversions Part 2

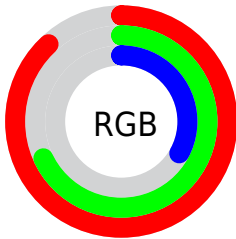
Format	Color
RYB	165, 225, 85
Decimal	14790229
CIELab	74.15, 9.12, 51.83
CIELCh	74, 52.627, 80.022
Yxy	46.9378, 0.4352, 0.4271
Android (android.graphics.Color)	4292980309 (0xFFE1AE55)
YUV	179.1030, -46.3928, 40.2517
Hunter-Lab	68.5095, 4.7207, 34.8601

Details

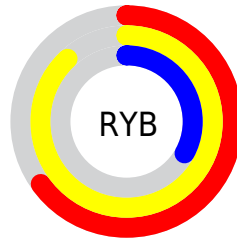
The HunterLab color **68.5095, 4.7207, 34.8601** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **49.9748, 5.9133, -53.6138**, and the grayscale version is **67.3550, -3.5939, 3.6595**.

A 20% lighter version of the original color is **88.9409, -7.5843, 38.8953**, and **47.0488, 4.7732, 27.2616** is the 20% darker color. If you saturate the color by 10%, you get **66.0033, 7.6430, 36.6456**, and if you desaturate by 10%, it is **71.1464, 2.1957, 32.1708**.

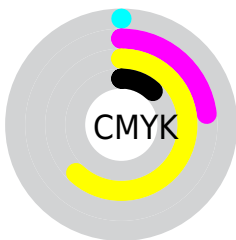
Distribution



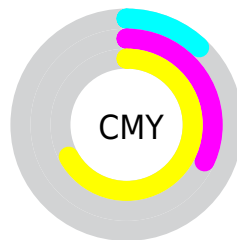
- Red (88%)
- Green (68%)
- Blue (33%)



- Red (65%)
- Yellow (88%)
- Blue (33%)



- Cyan (0%)
- Magenta (23%)
- Yellow (62%)
- Black (12%)



- Cyan (12%)
- Magenta (32%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.5095, 4.7207, 34.8601 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 68.5095, 4.7207, 34.8601 by changing the saturation by 10% instead.

 68.5095, 4.7207,
34.8601


 68.5095, 4.7207,
34.8601

193.5371, 1.3675,
63.2252

 57.4339, 4.8540,
31.1546

 92.5315, 4.2783,
41.8115


 47.0278, 4.9268,
27.2536


 105.4141, 3.9844,
45.1037

 37.3393, 4.9280,
23.1204


 118.8445, 3.6457,
48.2983

 28.4262, 4.8464,
18.8705

 132.8014, 3.2651,
51.4094

 20.3630, 4.6664,
14.2541

 147.2655, 2.8450,
54.4488

 13.2508, 4.3646,
9.2756

162.2196, 2.3875,

 6.7781, 5.5004,

57.4260

4.7447

177.6482, 1.8945,
60.3492

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.5095, 4.7207,
34.8601

■ 68.5095, 4.7207,
34.8601

■ 66.0033, 7.6430,
36.6456

■ 71.1464, 2.1957,
32.1708

■ 63.6264, 10.9581,
37.5273

■ 73.9043, 0.0790,
28.5973

■ 61.3819, 14.6320,
37.5470

■ 76.7793, -1.6390,
24.1762

■ 59.7207, 17.6762,
37.1091

■ 79.7657, -2.9705,
18.9520

■ 82.8579, -3.9316,

12.9731

■ 86.0500, -4.5405,
6.2895

■ 89.3366, -4.8169,
-1.0495

■ 92.3552, -6.7406,
-3.9452

■ 94.9833, -10.9989,
-0.7199

Harmonies

Analogous

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



68.5112, 29.4009, 29.9957



68.5095, 4.7207, 34.8601



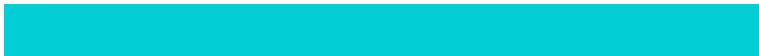
68.5112, -19.0903, 33.9355

Triad

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



68.5112, 4.7176, 34.8608



68.5112, -42.6250, -13.5041



68.5112, 36.4157, -31.8699

Complementary

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



68.5095, 4.7207, 34.8601



49.9748, 5.9133, -53.6138

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.



68.5112, 13.2713, -53.3332



68.5095, 4.7207, 34.8601



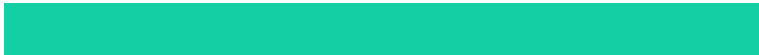
68.5112, -31.4386, -40.4010

Square

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



68.5112, 4.7176, 34.8608



68.5112, -44.2434, 11.0660



68.5112, -11.6520, -56.9112



68.5112, 49.3331, -4.5210

Rectangle

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



68.5095, 4.7207, 34.8601



68.5112, -31.4614, 29.9837



68.5112, -11.6520, -56.9112



68.5112, 29.4331, -40.3665

Sweetspot

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



68.5112, 4.7176, 34.8608



93.0138, -3.8101, 19.8029



49.2869, 54.1508, 3.1481



42.5629, -1.5965, 10.0422

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.5112, 4.7176, 34.8608



75.1444, 10.0206, 42.6813



82.2651, -26.5532, 44.0321



38.9180, -1.9220, 5.1985



45.5872, 12.9119, 28.3167



12.6848, 2.0769, 7.8527

Inverse Universe

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



49.9748, 5.9133, -53.6138



50.1894, 13.8575, -80.5934



38.5446, 36.7895, -85.1777



37.4922, -2.0104, -1.2667



26.0949, 20.4802, -76.8273



7.9901, 2.8502, -16.1396

Previews

White Background



This preview shows how the HunterLab color 68.5095, 4.7207, 34.8601 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 68.5095, 4.7207, 34.8601 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 68.5095, 4.7207, 34.8601 Background



This preview shows how black text looks on a background with the HunterLab color 68.5095, 4.7207, 34.8601.



This preview shows how white text looks on a background with the HunterLab color 68.5095, 4.7207,

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

68.5095, 4.7207, 34.8601

Protanopia

68.6499, -8.1956, 34.1845

Deuteranopia

68.6271, 5.1149, 34.9522



Tritanopia

68.4407, 22.0848, 6.9769

Trichromacy



Original Color

68.5095, 4.7207, 34.8601

Protanomaly

68.5801, -3.8786, 34.3954

Deuteranomaly

68.6271, 5.1149, 34.9522

Tritanomaly

68.2982, 14.4838, 19.7795

Monochromacy



Original Color

68.5095, 4.7207, 34.8601

Achromatopsia

67.1406, -3.5825, 3.6479

Achromatomaly

67.2491, -1.9634, 17.7866

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.5095, 4.7207, 34.8601 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(225, 174, 85)` looks like.

```
.text, #text, p{  
    color:rgb(225, 174, 85)  
}
```

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(225, 174, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 174, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 68.5095, 4.7207, 34.8601 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(225, 174, 85) }
```


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

```
.border{ border-color:rgb(225, 174, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 174, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 174, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 174, 85);  
box-shadow:4px 4px 4px 4px rgb(225, 174,  
85) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.5095, 4.7207, 34.8601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 174, 85) }
```

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

```
.background{ background-color: rgb(225,  
174, 85) }
```

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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