

Converting Colors

HunterLab(100.0000, 48.6918,
45.2509)

Have a look what the booklet for
HunterLab(100.0000, 48.6918,
45.2509) contains.

HunterLab(84.8899, 0.8318, 32.1706)	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(84.8899, 0.8318,
32.1706)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD796
RGB	255, 215, 150
RGB Percent	100%, 84%, 59%
CMY	0.0000, 0.1568, 0.4118
CMYK	0.00, 0.16, 0.41, 0.00
HSL	37°, 100%, 79%
HSV	37°, 41%, 100%
XYZ	71.0455, 72.0630, 39.0192
YIQ	219.5500, 44.7050, -11.7350

Conversions

Conversions Part 2

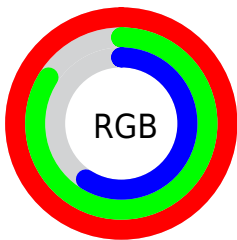
Format	Color
R _Y B	215, 255, 150
Decimal	16766870
CIE Lab	88.00, 5.50, 37.25
CIE LCh	88, 37.654, 81.607
Yxy	72.0663, 0.3901, 0.3957
Android (android.graphics.Color)	4294956950 (0xFFFFD796)
YUV	219.5500, -34.2881, 31.0897
Hunter-Lab	84.8899, 0.8318, 32.1706

Details

The HunterLab color **84.8899, 0.8318, 32.1706** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **71.0839, -1.2502, -35.1312**, and the grayscale version is **84.5354, -4.5106, 4.5930**.

A 20% lighter version of the original color is **98.5839, -13.1501, 25.7803**, and **61.5579, 1.8866, 26.8352** is the 20% darker color. If you saturate the color by 10%, you get **81.5667, 3.4682, 36.3395**, and if you desaturate by 10%, it is **88.3594, -1.3459, 27.0348**.

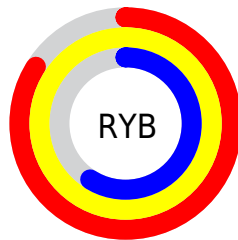
Distribution



Red (100%)

Green (84%)

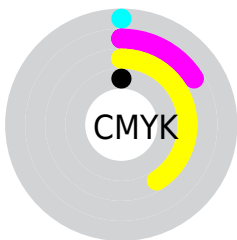
Blue (59%)



Red (84%)

Yellow (100%)

Blue (59%)

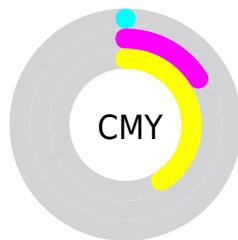


Cyan (0%)

Magenta (16%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (16%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.8899, 0.8318, 32.1706 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 84.8899, 0.8318, 32.1706 by changing the saturation by 10% instead.


 84.8899, 0.8318,
32.1706


 84.8899, 0.8318,
32.1706


216.2805, -4.2688,
53.4187

 72.9471, 1.2088,
29.5505


 110.5219, -0.0589,
37.1899

 61.6220, 1.5423,
26.8316


 124.1574, -0.5607,
39.6125

 50.9524, 1.8246,
23.9911

138.3117, -1.0984,
41.9901

 40.9815, 2.0502,
20.9969

152.9665, -1.6702,
44.3300

 31.7621, 2.2117,
17.8065

168.1051, -2.2744,
46.6382

 23.3614, 2.2988,
14.3965

183.7125, -2.9097,

 15.8687, 2.2964,

48.9197

11.1081

199.7752, -3.5749,
51.1787

■ 9.4112, 2.1798,
6.5878

0.0000, NaN, NaN

■ 84.8899, 0.8318,
32.1706

■ 84.8899, 0.8318,
32.1706

■ 81.5667, 3.4682,
36.3395

■ 88.3594, -1.3459,
27.0348

■ 78.3913, 6.5824,
39.4911

■ 91.9616, -3.0710,
20.9852

■ 75.3724, 10.1702,
41.5948

■ 95.6909, -4.3670,
14.0825

■ 72.5155, 14.2165,
42.6461

■ 99.5399, -5.2567,
6.3872

■ 69.8236, 18.6851, 100.0000, -5.3358,
42.6858 5.4332

■ 67.5795, 22.9019,
42.0431

Harmonies

Analogous

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



84.8919, 19.2020, 27.4709



84.8899, 0.8318, 32.1706



84.8919, -17.4894, 30.8605

Triad

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



84.8919, 0.8286, 32.1716



84.8919, -35.7104, -9.1006



84.8919, 25.8248, -19.7386

Complementary

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



84.8899, 0.8318, 32.1706



71.0839, -1.2502, -35.1312

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.



84.8919, 9.2478, -34.1522



84.8899, 0.8318, 32.1706



84.8919, -25.9187, -27.1361

Square

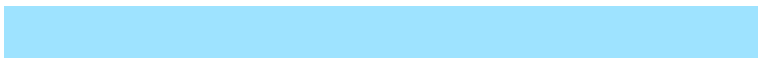
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.8919, 0.8286, 32.1716



84.8919, -37.5375, 9.5074



84.8919, -9.7670, -37.1205



84.8919, 34.4362, -0.5745

Rectangle

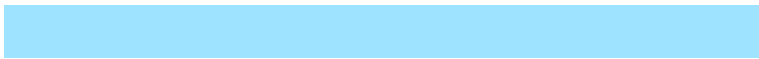
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.8899, 0.8318, 32.1706



84.8919, -27.3141, 26.5944



84.8919, -9.7670, -37.1205



84.8919, 20.9340, -25.4591

Sweetspot

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



84.8919, 0.8286, 32.1716



95.3788, -4.2758, 14.6824



68.4120, 40.6618, 0.5226



43.8986, -1.9087, 7.2273

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.8919, 0.8286, 32.1716



82.2777, 2.8538, 35.5178



96.2976, -23.6762, 41.1577



44.5648, -2.1019, 5.9450



49.1537, 15.9337, 30.5673



16.0112, 3.6321, 9.9296

Inverse Universe

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



71.0839, -1.2502, -35.1312



66.0823, 0.8120, -44.1496



60.6145, 23.2273, -54.7835



43.0253, -2.4009, -1.4350



29.1848, 21.1219, -82.0747



10.1602, 4.1945, -21.7540

Previews

White Background



This preview shows how the HunterLab color 84.8899, 0.8318, 32.1706 looks on a white background.

Color Contrast Check

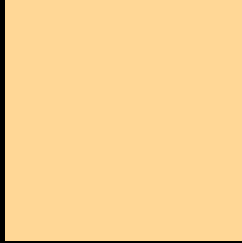
Large Text (above 18pt) WCAG AA × Fail

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 84.8899, 0.8318, 32.1706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

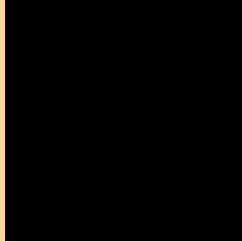
Any Text WCAG AA ✓ Pass

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 84.8899, 0.8318, 32.1706 Background



This preview shows how black text looks on a background with the HunterLab color 84.8899, 0.8318, 32.1706.



This preview shows how white text looks on a background with the HunterLab color 84.8899, 0.8318,

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

84.8899, 0.8318, 32.1706

Protanopia

85.0474, -7.9584, 31.5574

Deuteranopia

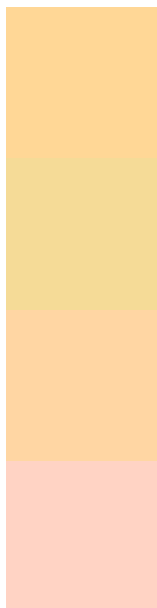
85.0032, 3.5775, 25.9150



Tritanopia

84.9322, 13.6711, 4.3314

Trichromacy



Original Color

84.8899, 0.8318, 32.1706

Protanomaly

85.0352, -4.8667, 31.8992

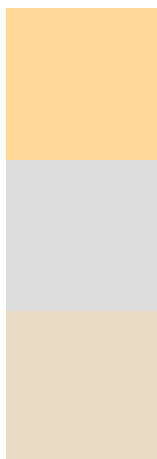
Deuteranomaly

84.8513, 2.7593, 28.1213

Tritanomaly

84.7550, 8.5770, 15.8423

Monochromacy



Original Color

84.8899, 0.8318, 32.1706

Achromatopsia

84.5987, -4.5140, 4.5964

Achromatomaly

84.5024, -3.1272, 15.7899

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.8899, 0.8318, 32.1706 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(255, 215, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 150)  
}
```

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(255, 215, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 84.8899, 0.8318, 32.1706 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(255, 215, 150) }
```


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

```
.border{ border-color:rgb(255, 215, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.8899, 0.8318, 32.1706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 150) }
```

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

```
.background{ background-color: rgb(255,  
215, 150) }
```

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