

Converting Colors

HunterLab(81.3700, 0.9195,
42.4398)

Have a look what the booklet for
HunterLab(81.3700, 0.9195,
42.4398) contains.

HunterLab(81.3700, 0.9195, 42.4398)	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(81.3700, 0.9195,
42.4398)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCE5E
RGB	255, 206, 94
RGB Percent	100%, 81%, 37%
CMY	0.0000, 0.1921, 0.6314
CMYK	0.00, 0.19, 0.63, 0.00
HSL	42°, 100%, 68%
HSV	42°, 63%, 100%
XYZ	65.3317, 66.2108, 19.9262
YIQ	207.8830, 65.1560, -24.4440

Conversions

Conversions Part 2

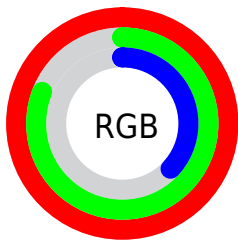
Format	Color
RYB	164, 255, 94
Decimal	16764510
CIELab	85.11, 5.47, 60.77
CIELCh	85, 61.013, 84.858
Yxy	66.2140, 0.4313, 0.4371
Android (android.graphics.Color)	4294954590 (0xFFFFCE5E)
YUV	207.8830, -56.1443, 41.3216
Hunter-Lab	81.3700, 0.9195, 42.4398

Details

The HunterLab color **81.3700, 0.9195, 42.4398** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **54.0772, 12.6029, -70.1842**, and the grayscale version is **79.5852, -4.2465, 4.3240**.

A 20% lighter version of the original color is **97.4259, -19.6255, 42.6397**, and **58.4851, 1.7267, 34.1226** is the 20% darker color. If you saturate the color by 10%, you get **78.8572, 3.5853, 44.4816**, and if you desaturate by 10%, it is **84.0113, -1.2912, 39.3156**.

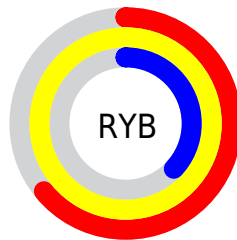
Distribution



Red (100%)

Green (81%)

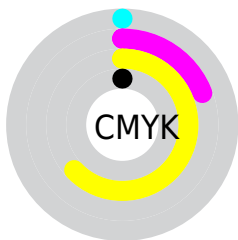
Blue (37%)



Red (64%)

Yellow (100%)

Blue (37%)

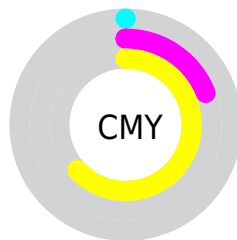


Cyan (0%)

Magenta (19%)

Yellow (63%)

Black (0%)



Cyan (0%)


Magenta (19%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.3700, 0.9195, 42.4398 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 81.3700, 0.9195, 42.4398 by changing the saturation by 10% instead.

 81.3700, 0.9195,
42.4398


 81.3700, 0.9195,
42.4398


211.4573, -4.1021,
73.9658


 69.6032, 1.2844,
38.3650

 106.6740, 0.0497,
50.1313

 58.4639, 1.6049,
34.1016


 120.1556, -0.4426,
53.7883

 47.9918, 1.8729,
29.6202


 134.1617, -0.9712,
57.3423

 38.2325, 2.0824,
24.8920

 148.6734, -1.5343,
60.8064

 29.2425, 2.2252,
20.4697

163.6735, -2.1304,
64.1919

 21.0941, 2.2902,
14.7659

179.1467, -2.7578,

 13.8857, 2.2599,

67.5085

9.7200

195.0789, -3.4154,
70.7641


 7.5180, 2.7678,
5.2626

0.0000, NaN, NaN


 81.3700, 0.9195,
42.4398


 81.3700, 0.9195,
42.4398


 78.8572, 3.5853,
44.4816


 84.0113, -1.2912,
39.3156


 76.4674, 6.6970,
45.4637

 86.7731, -3.0296,
35.1116

 74.2001, 10.2126,
45.4601

 89.6540, -4.3018,
29.8537

 72.7068, 12.8031,
45.0257

 92.6502, -5.1172,
23.5797

■ 95.7574, -5.4897,
16.3361

■ 98.9708, -5.4369,
8.1737

■ 99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



81.3720, 31.7917, 37.8564



81.3700, 0.9195, 42.4398



81.3720, -27.3148, 40.2660

Triad

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



81.3720, 0.9160, 42.4406



81.3720, -50.5579, -22.3370



81.3720, 48.7048, -34.1463

Complementary

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



81.3700, 0.9195, 42.4398



54.0772, 12.6029, -70.1842

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.



81.3720, 21.4916, -63.1962



81.3700, 0.9195, 42.4398



81.3720, -35.1047, -54.8170

Square

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



81.3720, 0.9160, 42.4406



81.3720, -54.4187, 9.2193



81.3720, -9.4779, -71.8840



81.3720, 61.8319, -0.6708

Rectangle

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



81.3700, 0.9195, 42.4398



81.3720, -41.3397, 34.6304



81.3720, -9.4779, -71.8840



81.3720, 40.7252, -45.1735

Sweetspot

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



81.3720, 0.9160, 42.4406



93.9224, -5.3240, 20.6986



55.9551, 62.7058, 7.1987



43.0449, -2.4007, 10.5061

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



81.3720, 0.9160, 42.4406



78.1602, 4.4326, 44.8691



94.0283, -33.5953, 50.6738



44.8362, -2.5532, 6.2344



52.8184, 8.7613, 32.6998



17.0564, 1.6719, 10.5393

Inverse Universe

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



54.0772, 12.6029, -70.1842



46.5763, 20.9103, -91.3661



44.1308, 45.3111, -99.1189



42.7540, -1.9493, -1.7714



26.1129, 29.1851, -95.6410



9.2017, 6.3607, -25.2323

Previews

White Background



This preview shows how the HunterLab color 81.3700, 0.9195, 42.4398 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 81.3700, 0.9195, 42.4398 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 81.3700, 0.9195, 42.4398 Background



This preview shows how black text looks on a background with the HunterLab color 81.3700, 0.9195, 42.4398.



This preview shows how white text looks on a background with the HunterLab color 81.3700, 0.9195,

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

81.3700, 0.9195, 42.4398

Protanopia

81.4039, -9.7993, 41.9290

Deuteranopia

81.2269, 4.3496, 35.4717



Tritanopia

81.3951, 17.5224, 6.5224

Trichromacy



Original Color

81.3700, 0.9195, 42.4398

Protanomaly

81.2244, -5.7274, 42.0470

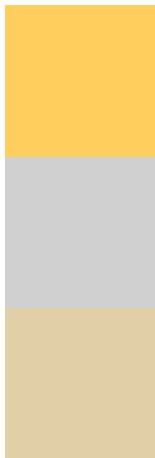
Deuteranomaly

81.3391, 2.8587, 38.3479

Tritanomaly

81.1316, 10.0525, 23.4518

Monochromacy



Original Color

81.3700, 0.9195, 42.4398

Achromatopsia

79.4202, -4.2377, 4.3151

Achromatomaly

79.6387, -4.1251, 21.7829

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.3700, 0.9195, 42.4398 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, 206, 94)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 94)  
}
```

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, 206, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 81.3700, 0.9195, 42.4398 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, 206, 94) }
```


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

```
.border{ border-color:rgb(255, 206, 94) }
```

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

Here you see how a box with a 4 pixel rgb(255, 206, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 94);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 81.3700, 0.9195, 42.4398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 94) }
```

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

```
.background{ background-color: rgb(255,  
206, 94) }
```

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