

Converting Colors

HunterLab(81.5987, -9.5640,
43.2458)

Have a look what the booklet for
HunterLab(81.5987, -9.5640,
43.2458) contains.

HunterLab(81.5395, -9.4700, 43.2062)	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(81.5395, -9.4700,
43.2062)**

Conversions

Conversions Part 1

Format	Color
Hex	EED559
RGB	238, 213, 89
RGB Percent	93%, 84%, 35%
CMY	0.0667, 0.1647, 0.6510
CMYK	0.00, 0.11, 0.63, 0.07
HSL	50°, 81%, 64%
HSV	50°, 63%, 93%
XYZ	60.8573, 66.4869, 19.0769
YIQ	206.3390, 54.7040, -33.2640

Conversions

Conversions Part 2

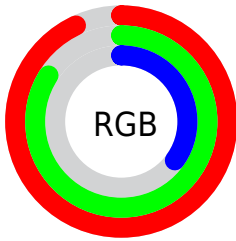
Format	Color
RYB	119, 238, 89
Decimal	15652185
CIELab	85.25, -5.45, 62.65
CIELCh	85, 62.883, 94.971
Yxy	66.4900, 0.4156, 0.4541
Android (android.graphics.Color)	4293842265 (0xFFEED559)
YUV	206.3390, -57.8481, 27.7667
Hunter-Lab	81.5395, -9.4700, 43.2062

Details

The HunterLab color $81.5395, -9.4700, 43.2062$ 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 $45.0898, 22.3170, -78.1878$, and the grayscale version is $78.9328, -4.2117, 4.2886$.

A 20% lighter version of the original color is $97.3620, -19.9853, 43.5763$, and $58.7187, -7.8034, 34.7367$ is the 20% darker color. If you saturate the color by 10%, you get $80.1055, -8.6615, 45.4845$, and if you desaturate by 10%, it is $83.0601, -9.8756, 39.8978$.

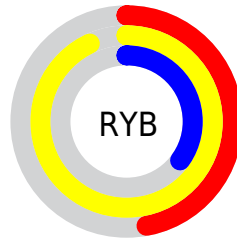
Distribution



Red (93%)

Green (84%)

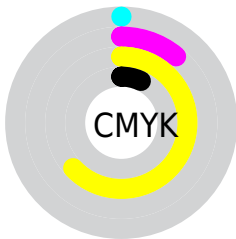
Blue (35%)



Red (47%)

Yellow (93%)

Blue (35%)

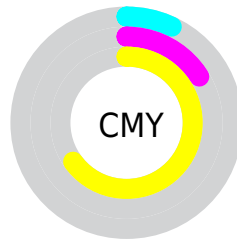


Cyan (0%)

Magenta (11%)

Yellow (63%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.5395, -9.4700, 43.2062 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 81.5395, -9.4700, 43.2062 by changing the saturation by 10% instead.

81.5395, -9.4700,
43.2062

81.5395, -9.4700,
43.2062

211.6902,
-18.3822, 75.5537

69.7641, -8.5781,
39.0194

106.8594,
-11.3197, 51.1072

58.6157, -7.7012,
34.6394

120.3486,
-12.2717, 54.8624

48.1340, -6.8415,
30.0378

134.3619,
-13.2429, 58.5104

38.3643, -5.9971,
25.1885

148.8805,
-14.2331, 62.0648

29.3630, -5.1651,
20.5541

163.8874,
-15.2423, 65.5373

21.2023, -4.3398,
14.8416

179.3671,

13.9798, -3.5107,

-16.2704, 68.9375

9.7858

195.3057,
-17.3171, 72.2739

■ 7.6206, -3.5229,
5.3344

0.0000, NaN, NaN

■ 81.5395, -9.4700,
43.2062

■ 81.5395, -9.4700,
43.2062

■ 80.1055, -8.6615,
45.4845

■ 83.0601, -9.8756,
39.8978

■ 78.7483, -7.4655,
46.7862

■ 84.6640, -9.8538,
35.5274

■ 77.4638, -5.9236,
47.2040

■ 86.3543, -9.4000,
30.0848

■ 76.5508, -4.6167,
47.0894

■ 88.1313, -8.5128,
23.5745

■ 89.9949, -7.1954,
16.0126

■ 91.9442, -5.4550,
7.4242

■ 93.9571, -3.4150,
-1.8644

■ 95.2199, -5.5211,
-0.3314

■ 96.4932, -7.6175,
1.1938

Harmonies

Analogous

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



81.5414, 22.5192, 40.9905



81.5395, -9.4700, 43.2062



81.5414, -35.8791, 38.6485

Triad

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



81.5414, -9.4731, 43.2069



81.5414, -47.8012, -35.3639



81.5414, 57.2143, -23.4838

Complementary

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



81.5395, -9.4700, 43.2062



45.0898, 22.3170, -78.1878

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.



81.5414, 32.8305, -57.2929



81.5395, -9.4700, 43.2062



81.5414, -28.1449, -65.7636

Square

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



81.5414, -9.4731, 43.2069



81.5414, -55.7896, -0.6468



81.5414, 0.8921, -75.0083



81.5414, 64.1840, 9.2161

Rectangle

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



81.5395, -9.4700, 43.2062



81.5414, -47.7746, 30.8054



81.5414, 0.8921, -75.0083



81.5414, 50.6204, -35.4317

Sweetspot

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



81.5414, -9.4731, 43.2069



96.0139, -8.7560, 22.7351



51.5663, 55.1564, 13.6304



44.1563, -4.2223, 11.5612

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



81.5414, -9.4731, 43.2069



86.2319, -9.0605, 49.6676



85.3948, -36.9464, 45.4105



42.4044, -3.1345, 6.2903



57.3226, -3.6874, 35.2574



16.8877, -1.6424, 10.3774

Inverse Universe

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



45.0898, 22.3170, -78.1878



40.7879, 35.0333, -111.7767



43.0908, 45.5029, -83.9480



39.5691, -1.0764, -2.1905



21.0080, 40.5102, -113.7080



7.0056, 8.5926, -27.3054

Previews

White Background



This preview shows how the HunterLab color 81.5395, -9.4700, 43.2062 looks on a white background.

Color Contrast Check

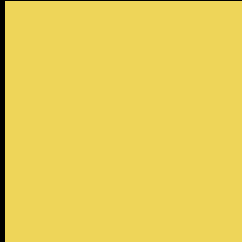
Large Text (above 18pt) WCAG AA × Fail

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 81.5395, -9.4700, 43.2062 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 81.5395, -9.4700, 43.2062 Background



This preview shows how black text looks on a background with the HunterLab color 81.5395, -9.4700, 43.2062.



This preview shows how white text looks on a background with the HunterLab color 81.5395, -9.4700,

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

81.5395, -9.4700, 43.2062

Protanopia

81.4336, -9.8453, 43.1254

Deuteranopia

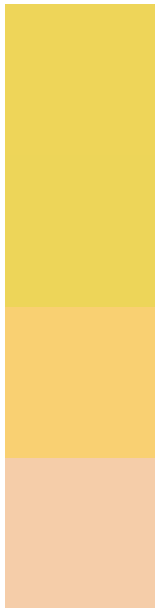
81.5360, 3.9187, 35.4605



Tritanopia

81.4583, 15.1932, 3.6663

Trichromacy



Original Color

81.5395, -9.4700, 43.2062

Protanomaly

81.4336, -9.8453, 43.1254

Deuteranomaly

81.5269, -1.1015, 38.6398

Tritanomaly

81.2033, 4.4012, 22.7074

Monochromacy



Original Color

81.5395, -9.4700, 43.2062

Achromatopsia

78.5625, -4.1919, 4.2684

Achromatomaly

79.4674, -8.0587, 22.9740

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.5395, -9.4700, 43.2062 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(238, 213, 89)` looks like.

```
.text, #text, p{  
    color:rgb(238, 213, 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(238, 213, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 213, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 81.5395, -9.4700, 43.2062 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(238, 213, 89) }
```


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

```
.border{ border-color:rgb(238, 213, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 213, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 213, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 213, 89);  
box-shadow:4px 4px 4px 4px rgb(238, 213,  
89) }
```

Background

The CSS property to change the background color of an element to HunterLab 81.5395, -9.4700, 43.2062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 213, 89) }
```

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

```
.background{ background-color: rgb(238,  
213, 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