

Converting Colors

HunterLab(80.6271, 1.1028,
22.0984)

Have a look what the booklet for
HunterLab(80.6271, 1.1028,
22.0984) contains.

HunterLab(80.6298, 0.9316, 22.0984)	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(80.6298, 0.9316,
22.0984)**

Conversions

Conversions Part 1

Format	Color
Hex	EDCEA9
RGB	237, 206, 169
RGB Percent	93%, 81%, 66%
CMY	0.0706, 0.1921, 0.3372
CMYK	0.00, 0.13, 0.29, 0.07
HSL	33°, 65%, 80%
HSV	33°, 29%, 93%
XYZ	64.1577, 65.0116, 46.7031
YIQ	211.0510, 30.3530, -4.9350

Conversions

Conversions Part 2

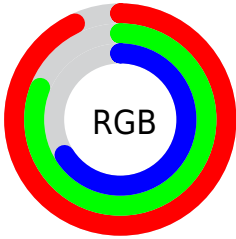
Format	Color
R _Y B	226, 237, 169
Decimal	15584937
CIE Lab	84.49, 5.46, 22.43
CIE LCh	84, 23.082, 76.326
Yxy	65.0146, 0.3648, 0.3697
Android (android.graphics.Color)	4293775017 (0xFFEDCEA9)
YUV	211.0510, -20.7311, 22.7573
Hunter-Lab	80.6298, 0.9316, 22.0984

Details

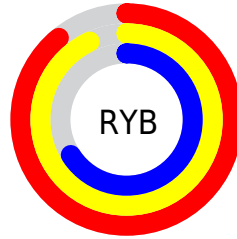
The HunterLab color $80.6298, 0.9316, 22.0984$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $74.7371, -5.8733, -17.6113$, and the grayscale version is $80.8103, -4.3118, 4.3906$.

A 20% lighter version of the original color is $99.0766, -10.4180, 18.6666$, and $57.8309, 1.4604, 18.4065$ is the 20% darker color. If you saturate the color by 10%, you get $76.9282, 3.7143, 26.7277$, and if you desaturate by 10%, it is $84.4799, -1.4540, 16.7446$.

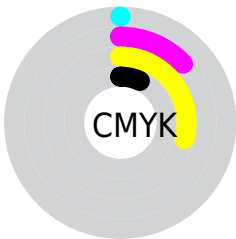
Distribution



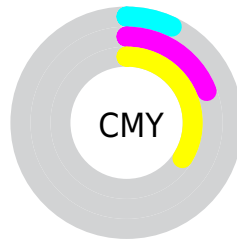
- Red (93%)
- Green (81%)
- Blue (66%)



- Red (89%)
- Yellow (93%)
- Blue (66%)



- Cyan (0%)
- Magenta (13%)
- Yellow (29%)
- Black (7%)



- Cyan (7%)
- Magenta (19%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.6298, 0.9316, 22.0984 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 80.6298, 0.9316, 22.0984 by changing the saturation by 10% instead.

80.6298, 0.9316,
22.0984

80.6298, 0.9316,
22.0984

210.4387, -4.0742,
37.4286

68.9006, 1.2950,
20.3072

105.8635, 0.0666,
25.5934

57.8011, 1.6130,
18.4713

119.3123, -0.4238,
27.3093

47.3714, 1.8782,
16.5767

133.2868, -0.9507,
29.0115

37.6576, 2.0844,
14.6023

147.7679, -1.5122,
30.7039

28.7169, 2.2236,
12.5172

162.7384, -2.1067,
32.3895

20.6232, 2.2840,
10.2732

178.1830, -2.7327,

13.4765, 2.2480,

34.0708

8.6470

194.0874, -3.3889,
35.7499

■ 7.0513, 2.9955,
4.9359

0.0000, NaN, NaN

■ 80.6298, 0.9316,
22.0984

■ 80.6298, 0.9316,
22.0984

■ 76.9282, 3.7143,
26.7277

■ 84.4799, -1.4540,
16.7446

■ 73.3808, 6.9217,
30.5657

■ 88.4626, -3.4576,
10.7252

■ 70.0011, 10.5641,
33.5527

■ 92.5701, -5.1068,
4.1005

■ 66.8008, 14.6442,
35.6369

■ 96.4934, -8.0773,
1.1861

■ 63.7913, 19.1491,
36.7854

■ 98.3588, -11.0929,
3.3852

■ 60.9824, 24.0434,
37.0015

■ 58.3779, 29.2457,
36.3938

■ 58.0501, 29.9330,
36.2942

Harmonies

Analogous

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



80.6316, 11.3582, 18.0327



80.6298, 0.9316, 22.0984



80.6316, -10.3624, 21.9103

Triad

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



80.6316, 0.9288, 22.0995



80.6316, -24.2394, -1.6806



80.6316, 12.1286, -11.3396

Complementary

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



80.6298, 0.9316, 22.0984



74.7371, -5.8733, -17.6113

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.



80.6316, 1.9334, -18.2375



80.6298, 0.9316, 22.0984



80.6316, -18.8599, -12.1544

Square

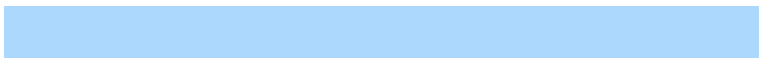
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.6316, 0.9288, 22.0995



80.6316, -24.4750, 9.1539



80.6316, -9.4118, -18.5548



80.6316, 18.0623, -0.6857

Rectangle

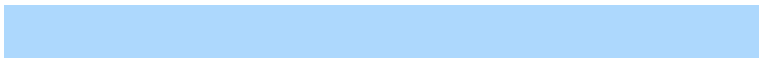
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.6298, 0.9316, 22.0984



80.6316, -16.8569, 19.4153



80.6316, -9.4118, -18.5548



80.6316, 9.0616, -14.2353

Sweetspot

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



80.6316, 0.9288, 22.0995



95.9768, -3.6888, 11.8911



71.1236, 25.1749, -1.6612



44.1071, -1.5700, 5.9615

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

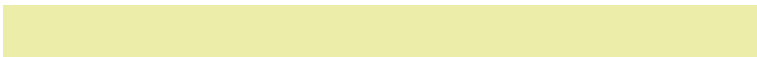
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.6316, 0.9288, 22.0995



85.4077, 2.6012, 26.8544



90.0277, -15.5483, 30.4816



40.5123, -1.5241, 5.1521



43.2018, 21.4310, 26.9959



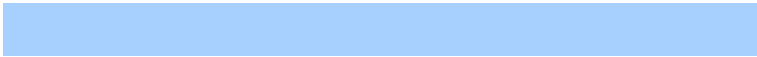
12.8746, 4.3682, 8.0097

Inverse Universe

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



74.7371, -5.8733, -17.6113



77.8467, -6.0507, -24.1928



65.7108, 10.8523, -31.6114



39.5980, -2.5955, -0.9830



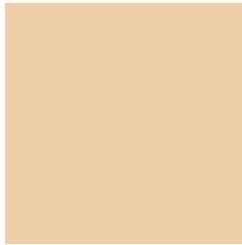
30.7444, 12.4000, -65.1959



9.6559, 1.4116, -15.1164

Previews

White Background



This preview shows how the HunterLab color 80.6298, 0.9316, 22.0984 looks on a white background.

Color Contrast Check

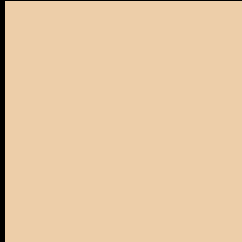
Large Text (above 18pt) WCAG AA × Fail

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 80.6298, 0.9316, 22.0984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

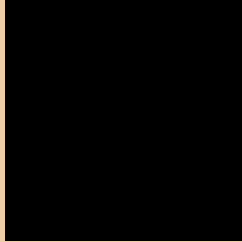
Any Text WCAG AA ✓ Pass

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 80.6298, 0.9316, 22.0984 Background



This preview shows how black text looks on a background with the HunterLab color 80.6298, 0.9316, 22.0984.



This preview shows how white text looks on a background with the HunterLab color 80.6298, 0.9316,

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

80.6298, 0.9316, 22.0984

Protanopia

80.8555, -5.9800, 21.4661

Deuteranopia

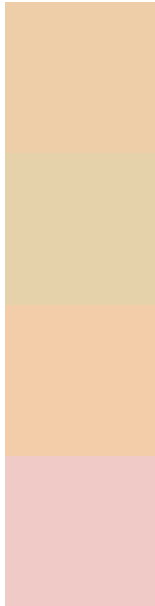
80.7508, 5.9446, 21.9393



Tritanopia

80.6797, 12.6601, 2.6906

Trichromacy



Original Color

80.6298, 0.9316, 22.0984

Protanomaly

80.7225, -3.3485, 21.7493

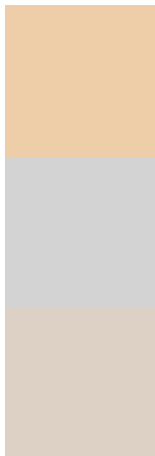
Deuteranomaly

80.7110, 4.3023, 21.8722

Tritanomaly

80.5255, 8.1500, 10.4251

Monochromacy



Original Color

80.6298, 0.9316, 22.0984

Achromatopsia

80.7097, -4.3065, 4.3851

Achromatomaly

80.4997, -2.7762, 11.0903

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.6298, 0.9316, 22.0984 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(237, 206, 169)` looks like.

```
.text, #text, p{  
  color:rgb(237, 206, 169)  
}
```

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(237, 206, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 206, 169) }
```

Border

The CSS property to change the border of an element to HunterLab 80.6298, 0.9316, 22.0984 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(237, 206, 169) }
```


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

```
.border{ border-color:rgb(237, 206, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 206, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 206, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 206, 169); box-shadow:4px 4px 4px 4px rgb(237, 206, 169) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.6298, 0.9316, 22.0984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 206, 169) }
```

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

```
.background{ background-color: rgb(237,  
206, 169) }
```

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