

Converting Colors

HunterLab(80.0020, -3.1208,
14.5168)

Have a look what the booklet for
HunterLab(80.0020, -3.1208,
14.5168) contains.

HunterLab(80.0448, -3.2806, 14.4423)	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(80.0448, -3.2806,
14.4423)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD0BB
RGB	221, 208, 187
RGB Percent	87%, 82%, 73%
CMY	0.1333, 0.1843, 0.2667
CMYK	0.00, 0.06, 0.15, 0.13
HSL	37°, 33%, 80%
HSV	37°, 15%, 87%
XYZ	61.3443, 64.0717, 56.1475
YIQ	209.4930, 14.4890, -3.7750

Conversions

Conversions Part 2

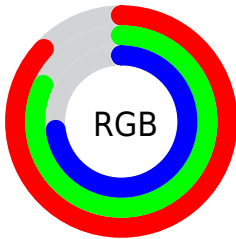
Format	Color
R _Y B	208, 221, 187
Decimal	14536891
CIE Lab	84.00, 1.05, 12.04
CIE LCh	84, 12.085, 85.027
Yxy	64.0745, 0.3379, 0.3529
Android (android.graphics.Color)	4292726971 (0xFFDDD0BB)
YUV	209.4930, -11.0890, 10.0916
Hunter-Lab	80.0448, -3.2806, 14.4423

Details

The HunterLab color **80.0448, -3.2806, 14.4423** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.5597, -4.1919, -7.1915**, and the grayscale version is **80.1047, -4.2742, 4.3522**.

A 20% lighter version of the original color is **99.6248, -7.3950, 10.7952**, and **57.3929, -2.2051, 12.0268** is the 20% darker color. If you saturate the color by 10%, you get **76.9347, -2.0306, 19.9743**, and if you desaturate by 10%, it is **83.2615, -4.1874, 8.2304**.

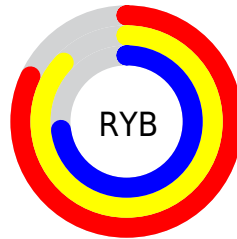
Distribution



Red (87%)

Green (82%)

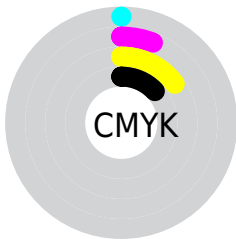
Blue (73%)



Red (82%)

Yellow (87%)

Blue (73%)

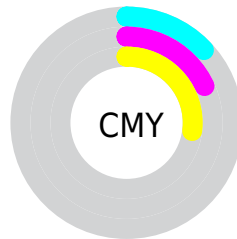


Cyan (0%)

Magenta (6%)

Yellow (15%)

Black (13%)



Cyan (13%)

Magenta (18%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.0448, -3.2806, 14.4423 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 80.0448, -3.2806, 14.4423 by changing the saturation by 10% instead.

■ 80.0448, -3.2806,
14.4423

■ 80.0448, -3.2806,
14.4423

209.6327, -9.8302,
25.7897

■ 68.3455, -2.7086,
13.2132

■ 105.2228, -4.5333,
16.9086

■ 57.2776, -2.1710,
11.9791

118.6454, -5.2060,
18.1490

■ 46.8816, -1.6728,
10.7351

132.5947, -5.9085,
19.3970

■ 37.2040, -1.2171,
9.4720

147.0516, -6.6396,
20.6541

■ 28.3027, -0.8082,
8.1758

161.9987, -7.3983,
21.9211

■ 20.2524, -0.4517,
6.8232

177.4205, -8.1835,

■ 13.1551, -0.1559,

23.1991

5.3938

193.3029, -8.9944,
24.4884

■ 6.6583, 0.3299,
4.6608

0.0000, NaN, NaN

■ 80.0448, -3.2806,
14.4423

■ 80.0448, -3.2806,
14.4423

■ 76.9347, -2.0306,
19.9743

■ 83.2615, -4.1874,
8.2304

■ 73.9320, -0.4123,
24.7725

■ 86.5734, -4.7637,
1.3846

■ 71.0449, 1.5879,
28.7892

■ 89.9766, -5.0319,
-6.0463

■ 68.2798, 3.9811,
31.9798

■ 92.7222, -9.1027,
-3.5200

■ 65.6427, 6.7725,
34.3087

■ 95.4535, -13.4593,
-0.1823

■ 63.1391, 9.9573,
35.7565

■ 97.0115, -15.8937,
1.6789

■ 60.7729, 13.5174,
36.3304

■ 58.5457, 17.4144,
36.0838

■ 57.5585, 19.2820,
35.8048

Harmonies

Analogous

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



80.0466, 2.3773, 12.7590



80.0448, -3.2806, 14.4423



80.0466, -9.0504, 13.5904

Triad

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



80.0466, -3.2829, 14.4435



80.0466, -14.3642, -0.3771



80.0466, 5.3007, -2.1243

Complementary

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



80.0448, -3.2806, 14.4423



75.5597, -4.1919, -7.1915

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.



80.0466, 0.6142, -6.1266



80.0448, -3.2806, 14.4423



80.0466, -10.7177, -5.0674

Square

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



80.0466, -3.2829, 14.4435



80.0466, -15.3395, 5.2933



80.0466, -5.2630, -7.2408



80.0466, 7.4244, 3.4096

Rectangle

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



80.0448, -3.2806, 14.4423



80.0466, -12.1966, 11.6624



80.0466, -5.2630, -7.2408



80.0466, 3.9664, -3.7089

Sweetspot

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



80.0466, -3.2829, 14.4435



98.0488, -4.9540, 9.4140



74.2195, 9.6534, 2.2339



45.2361, -2.2635, 4.6073

0.0000, NaN, NaN



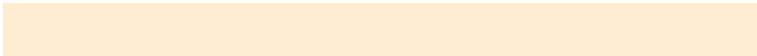
46.2646, -2.4686, 2.5136

Same Dimension

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



80.0466, -3.2829, 14.4435



93.1134, -3.4961, 18.8637



83.7008, -11.1590, 18.0776



37.9267, -1.7875, 5.0086



44.1257, 14.1731, 27.4381



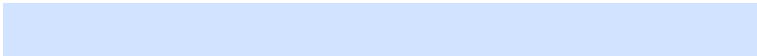
11.9415, 2.2109, 7.3970

Inverse Universe

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



75.5597, -4.1919, -7.1915



86.9101, -4.7401, -11.0707



71.9958, 3.6745, -11.9068



36.6456, -2.0509, -1.1612



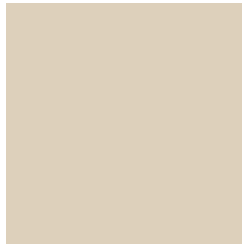
26.3849, 18.4079, -72.7163



7.8387, 2.2262, -14.6033

Previews

White Background



This preview shows how the HunterLab color 80.0448, -3.2806, 14.4423 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 80.0448, -3.2806, 14.4423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

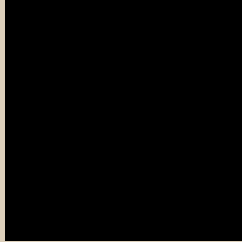
Any Text WCAG AA ✓ Pass

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 80.0448, -3.2806, 14.4423 Background



This preview shows how black text looks on a background with the HunterLab color 80.0448, -3.2806, 14.4423.

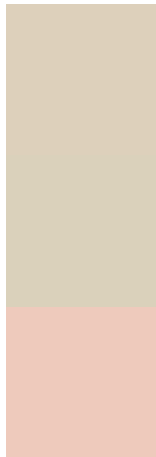


This preview shows how white text looks on a background with the HunterLab color 80.0448, -3.2806,

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

80.0448, -3.2806, 14.4423

Protanopia

80.0589, -4.8024, 14.4304

Deuteranopia

80.0306, 5.9425, 14.1716



Tritanopia

79.8961, 5.8338, -0.3994

Trichromacy



Original Color

80.0448, -3.2806, 14.4423

Protanomaly

80.1554, -4.4662, 14.5377

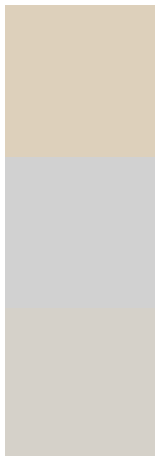
Deuteranomaly

79.9827, 2.7465, 14.0650

Tritanomaly

80.0093, 2.3973, 5.5987

Monochromacy



Original Color

80.0448, -3.2806, 14.4423

Achromatopsia

79.8497, -4.2606, 4.3384

Achromatomaly

79.9776, -4.2992, 8.2417

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.0448, -3.2806, 14.4423 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(221, 208, 187)` looks like.

```
.text, #text, p{  
    color:rgb(221, 208, 187)  
}
```

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(221, 208, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 208, 187) }
```

Border

The CSS property to change the border of an element to HunterLab 80.0448, -3.2806, 14.4423 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(221, 208, 187) }
```


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

```
.border{ border-color:rgb(221, 208, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 208, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 208, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 208, 187); box-shadow:4px 4px 4px 4px rgb(221, 208, 187) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.0448, -3.2806, 14.4423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 208, 187) }
```

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

```
.background{ background-color: rgb(221,  
208, 187) }
```

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