

Converting Colors

HunterLab(84.6350, -8.0337,
20.5234)

Have a look what the booklet for
HunterLab(84.6350, -8.0337,
20.5234) contains.

HunterLab(84.6320, -8.0627, 20.6237)	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(84.6320, -8.0627,
20.6237)**

Conversions

Conversions Part 1

Format	Color
Hex	E4DDB7
RGB	228, 221, 183
RGB Percent	89%, 87%, 72%
CMY	0.1059, 0.1333, 0.2823
CMYK	0.00, 0.03, 0.20, 0.11
HSL	51°, 45%, 81%
HSV	51°, 20%, 89%
XYZ	66.3986, 71.6258, 55.1253
YIQ	218.7610, 16.3700, -10.3340

Conversions

Conversions Part 2

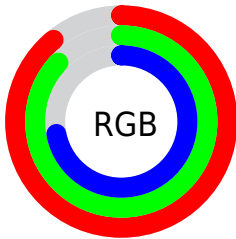
Format	Color
RYB	191, 228, 183
Decimal	14998967
CIELab	87.79, -3.71, 19.54
CIELCh	88, 19.894, 100.754
Yxy	71.6289, 0.3438, 0.3708
Android (android.graphics.Color)	4293189047 (0xFFE4DDB7)
YUV	218.7610, -17.6302, 8.1026
Hunter-Lab	84.6320, -8.0627, 20.6237

Details

The HunterLab color $84.6320, -8.0627, 20.6237$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $72.4530, 1.1829, -15.3983$, and the grayscale version is $84.1320, -4.4891, 4.5711$.

A 20% lighter version of the original color is $99.5048, -8.0556, 12.5154$, and $61.3635, -6.5093, 17.2925$ is the 20% darker color. If you saturate the color by 10%, you get $83.0079, -9.1655, 27.1676$, and if you desaturate by 10%, it is $86.3412, -6.5557, 13.0771$.

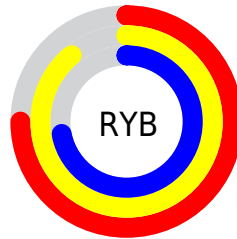
Distribution



Red (89%)

Green (87%)

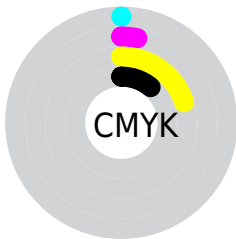
Blue (72%)



Red (75%)

Yellow (89%)

Blue (72%)

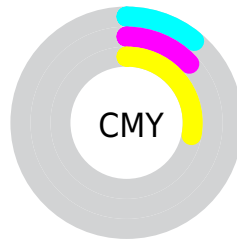


Cyan (0%)

Magenta (3%)

Yellow (20%)

Black (11%)



Cyan (11%)

Magenta (13%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.6320, -8.0627, 20.6237 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 84.6320, -8.0627, 20.6237 by changing the saturation by 10% instead.

■ 84.6320, -8.0627,
20.6237

■ 84.6320, -8.0627,
20.6237

215.9280,
-16.3953, 34.8124

■ 72.7019, -7.2498,
19.0012

■ 110.2401, -9.7645,
23.8159

■ 61.3902, -6.4576,
17.3486

123.8645,
-10.6478, 25.3941

■ 50.7349, -5.6886,
15.6561

138.0081,
-11.5531, 26.9658

■ 40.7792, -4.9426,
13.9080

152.6525,
-12.4799, 28.5341

■ 31.5763, -4.2187,
12.0813

167.7810,
-13.4279, 30.1011

■ 23.1937, -3.5151,
10.1402

183.3787,

■ 15.7213, -2.8276,

-14.3968, 31.6689

8.0710

199.4319,
-15.3860, 33.2389

■ 9.2864, -2.2378,
6.5005

0.0000, NaN, NaN

■ 84.6320, -8.0627,
20.6237

■ 84.6320, -8.0627,
20.6237

■ 83.0079, -9.1655,
27.1676

■ 86.3412, -6.5557,
13.0771

■ 81.4635, -9.8534,
32.6898

■ 88.1292, -4.6443,
4.5483

■ 80.0003, -10.1297,
37.1866

■ 89.9968, -2.3406,
-4.9311

■ 78.6169, -10.0008,
40.6665

■ 91.2333, -3.5168,
-5.3270

■ 77.3113, -9.4796,
43.1549

■ 92.3510, -5.3794,
-3.9268

■ 76.0799, -8.5873,
44.6991

■ 93.4770, -7.2342,
-2.5337

■ 74.9174, -7.3565,
45.3766

■ 94.6113, -9.0811,
-1.1477

■ 73.8118, -5.8571,
45.3661

■ 95.7536, -10.9201,
0.2313

■ 73.7830, -5.8163,
45.3629

■ 96.9038, -12.7514,
1.6033

Harmonies

Analogous

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



84.6339, 1.8867, 20.0680



84.6320, -8.0627, 20.6237



84.6339, -16.6658, 17.2806

Triad

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



84.6339, -8.0651, 20.6248



84.6339, -18.5477, -8.1730



84.6339, 14.3344, -1.6223

Complementary

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



84.6320, -8.0627, 20.6237



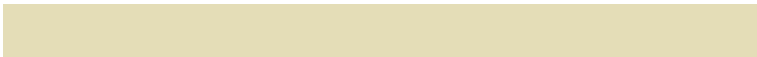
72.4530, 1.1829, -15.3983

Split Complementary

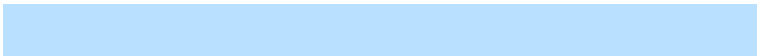
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.6339, 8.3511, -10.3917



84.6320, -8.0627, 20.6237



84.6339, -10.7423, -14.4657

Square

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



84.6339, -8.0651, 20.6248



84.6339, -22.5292, 1.1357



84.6339, -0.9163, -15.3216



84.6339, 15.1328, 7.9370

Rectangle

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



84.6320, -8.0627, 20.6237



84.6339, -20.5940, 13.0346



84.6339, -0.9163, -15.3216



84.6339, 12.8502, -4.7879

Sweetspot

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



84.6339, -8.0651, 20.6248



98.7651, -6.6927, 11.3929



73.5537, 12.7103, 6.0456



45.6320, -3.1601, 5.5599

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.6339, -8.0651, 20.6248



95.2606, -9.7652, 26.8349



85.4707, -16.4738, 21.3005



40.5160, -3.0522, 6.0283



56.1943, -4.6279, 34.5457



15.6103, -1.7986, 9.5875

Inverse Universe

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



72.4530, 1.1829, -15.3983



78.4365, 3.0956, -23.1274



71.7462, 9.3566, -16.2826



37.7452, -0.9688, -2.1179



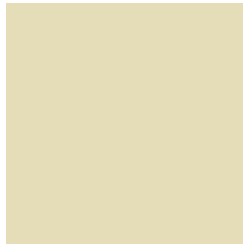
20.1321, 40.0931, -111.7130



6.4118, 7.8100, -24.8737

Previews

White Background



This preview shows how the HunterLab color 84.6320, -8.0627, 20.6237 looks on a white background.

Color Contrast Check

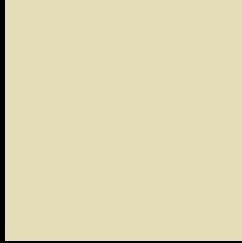
Large Text (above 18pt) WCAG AA × Fail

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 84.6320, -8.0627, 20.6237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

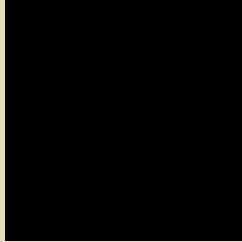
Any Text WCAG AA ✓ Pass

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 84.6320, -8.0627, 20.6237 Background



This preview shows how black text looks on a background with the HunterLab color 84.6320, -8.0627, 20.6237.



This preview shows how white text looks on a background with the HunterLab color 84.6320, -8.0627,

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

84.6320, -8.0627, 20.6237

Protanopia

84.6874, -6.3189, 21.0896

Deuteranopia

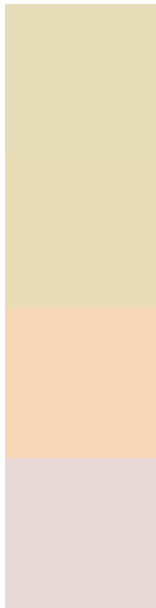
84.6526, 6.1530, 20.1230



Tritanopia

84.4719, 5.1689, -0.9221

Trichromacy



Original Color

84.6320, -8.0627, 20.6237

Protanomaly

84.5888, -6.6641, 20.9867

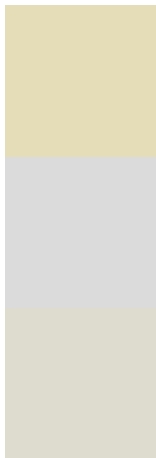
Deuteranomaly

84.5423, 1.1312, 20.3120

Tritanomaly

84.6384, -0.0058, 7.5884

Monochromacy



Original Color

84.6320, -8.0627, 20.6237

Achromatopsia

84.1651, -4.4908, 4.5728

Achromatomaly

84.3636, -6.1755, 10.8386

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.6320, -8.0627, 20.6237 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(228, 221, 183)` looks like.

```
.text, #text, p{  
    color:rgb(228, 221, 183)  
}
```

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(228, 221, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 221, 183) }
```

Border

The CSS property to change the border of an element to HunterLab 84.6320, -8.0627, 20.6237 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(228, 221, 183) }
```


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

```
.border{ border-color:rgb(228, 221, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 221, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 221, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 221, 183); box-shadow:4px 4px 4px 4px rgb(228, 221, 183) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.6320, -8.0627, 20.6237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 221, 183) }
```

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

```
.background{ background-color: rgb(228,  
221, 183) }
```

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