

Converting Colors

HunterLab(85.6647, -13.9429,
32.8502)

Have a look what the booklet for
HunterLab(85.6647, -13.9429,
32.8502) contains.

HunterLab(85.6654, -13.9449, 32.8632)	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(85.6654,
-13.9449, 32.8632)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E295
RGB	230, 226, 149
RGB Percent	90%, 89%, 58%
CMY	0.0980, 0.1137, 0.4157
CMYK	0.00, 0.02, 0.35, 0.10
HSL	57°, 62%, 74%
HSV	57°, 35%, 90%
XYZ	65.2543, 73.3856, 39.1593
YIQ	218.4180, 27.1010, -23.0990

Conversions

Conversions Part 2

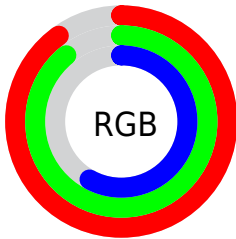
Format	Color
R_{YB}	153, 230, 149
Decimal	15131285
CIE _{Lab}	88.63, -9.91, 38.17
CIE _{LCh}	89, 39.436, 104.554
Yxy	73.3889, 0.3670, 0.4127
Android (android.graphics.Color)	4293321365 (0xFFE6E295)
YUV	218.4180, -34.2231, 10.1574
Hunter-Lab	85.6654, -13.9449, 32.8632

Details

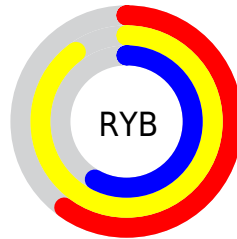
The HunterLab color $85.6654, -13.9449, 32.8632$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $59.0628, 11.6905, -38.5520$, and the grayscale version is $84.0497, -4.4847, 4.5666$.

A 20% lighter version of the original color is $98.5594, -13.2859, 26.1338$, and $62.3483, -11.9006, 27.4559$ is the 20% darker color. If you saturate the color by 10%, you get $84.9179, -15.5695, 38.2713$, and if you desaturate by 10%, it is $86.4965, -11.8915, 26.3365$.

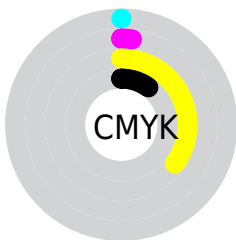
Distribution



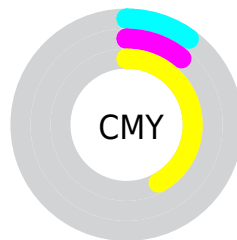
- Red (90%)
- Green (89%)
- Blue (58%)



- Red (60%)
- Yellow (90%)
- Blue (58%)



- Cyan (0%)
- Magenta (2%)
- Yellow (35%)
- Black (10%)





- Cyan (10%)
- Magenta (11%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.6654, -13.9449, 32.8632 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 85.6654, -13.9449, 32.8632 by changing the saturation by 10% instead.


 85.6654, -13.9449,
32.8632


 85.6654, -13.9449,
32.8632


217.3388,
-24.5218, 54.4694

 73.6845, -12.8276,
30.1948

 111.3684,
-16.2132, 37.9726

 62.3192, -11.7134,
27.4255


 125.0373,
-17.3619, 40.4377

 51.6070, -10.6014,
24.5321


139.2238,
-18.5224, 42.8561

 41.5904, -9.4868,
21.4828

153.9096,
-19.6955, 45.2354

 32.3217, -8.3622,
18.2350

169.0783,
-20.8817, 47.5817

 23.8669, -7.2155,
14.7622

184.7150,

 16.3135, -6.0256,

-22.0812, 49.9000

11.4194

200.8060,
-23.2946, 52.1947

■ 9.7856, -4.9678,
6.8499

0.0000, NaN, NaN

■ 85.6654, -13.9449,
32.8632

■ 85.6654, -13.9449,
32.8632

■ 84.9179, -15.5695,
38.2713

■ 86.4965, -11.8915,
26.3365

■ 84.2453, -16.7693,
42.5867

■ 87.4077, -9.3947,
18.6736

■ 83.6456, -17.5650,
45.8547

■ 88.4025, -6.4550,
9.8730

■ 83.1141, -17.9818,
48.1382

■ 89.4819, -3.0748,
-0.0570

■ 82.6445, -18.0535,
49.5232

■ 90.3185, -1.0397,
-6.4700

■ 82.2285, -17.8261,
50.1284

■ 90.6718, -1.6403,
-6.0209

■ 82.0415, -17.6509,
50.2446

■ 91.0260, -2.2401,
-5.5724

■ 91.3810, -2.8392,
-5.1247

■ 91.7370, -3.4375,
-4.6776

Harmonies

Analogous

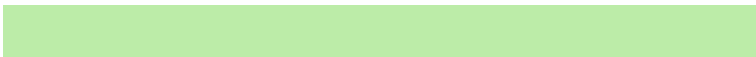
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6673, 5.8169, 32.7732



85.6654, -13.9449, 32.8632



85.6673, -29.7171, 26.6909

Triad

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



85.6673, -13.9476, 32.8641



85.6673, -30.0864, -24.8844



85.6673, 35.3583, -5.5696

Complementary

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



85.6654, -13.9449, 32.8632



59.0628, 11.6905, -38.5520

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.



85.6673, 23.8479, -25.4165



85.6654, -13.9449, 32.8632



85.6673, -14.4951, -38.1791

Square

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



85.6673, -13.9476, 32.8641



85.6673, -38.4435, -4.9609



85.6673, 5.2175, -38.3934



85.6673, 35.5389, 13.2857

Rectangle

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



85.6654, -13.9449, 32.8632



85.6673, -36.3567, 18.8285



85.6673, 5.2175, -38.3934



85.6673, 32.6423, -12.4295

Sweetspot

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



85.6673, -13.9476, 32.8641



98.7137, -9.2488, 17.0374



63.7340, 26.0781, 11.6725



45.5999, -4.4826, 8.4941

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.6673, -13.9476, 32.8641



95.7035, -17.0100, 41.3429



83.7697, -27.5791, 31.0104



40.8521, -3.6012, 6.3812



61.7743, -13.3472, 37.8314



16.9045, -3.7954, 10.3500

Inverse Universe

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



59.0628, 11.6905, -38.5520



60.2896, 17.8527, -55.5764



61.3019, 24.1824, -34.2086



37.4173, -0.4124, -2.5326



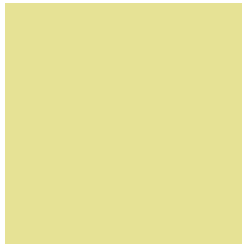
18.5082, 46.5180, -123.5528



5.4186, 11.1011, -30.7367

Previews

White Background



This preview shows how the HunterLab color 85.6654, -13.9449, 32.8632 looks on a white background.

Color Contrast Check

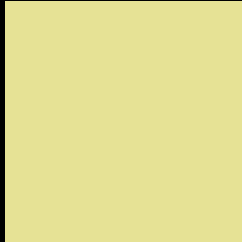
Large Text (above 18pt) WCAG AA × Fail

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 85.6654, -13.9449, 32.8632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

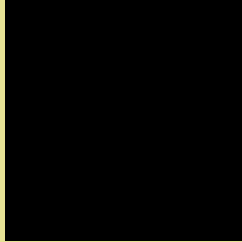
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

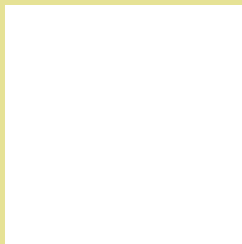
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 85.6654, -13.9449, 32.8632 Background



This preview shows how black text looks on a background with the HunterLab color 85.6654, -13.9449, 32.8632.



This preview shows how white text looks on a background with the HunterLab color 85.6654,

-13.9449, 32.8632.

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

85.6654, -13.9449, 32.8632

Protanopia

85.4877, -8.1564, 33.1031

Deuteranopia

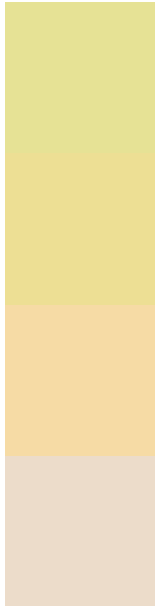
85.3914, 3.5396, 24.8756



Tritanopia

85.7439, 6.4960, -0.3578

Trichromacy



Original Color

85.6654, -13.9449, 32.8632

Protanomaly

85.3920, -10.0969, 32.9885

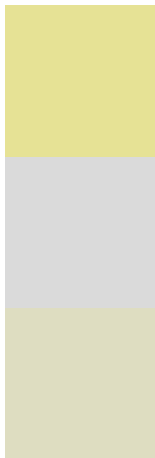
Deuteranomaly

85.4239, -2.9517, 27.8792

Tritanomaly

85.6058, -2.0865, 14.0133

Monochromacy



Original Color

85.6654, -13.9449, 32.8632

Achromatopsia

83.7318, -4.4677, 4.5493

Achromatomaly

84.3165, -8.6639, 16.3267

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.6654, -13.9449, 32.8632 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(230, 226, 149)` looks like.

```
.text, #text, p{  
    color:rgb(230, 226, 149)  
}
```

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(230, 226, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 226, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 85.6654, -13.9449, 32.8632 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(230, 226, 149) }
```


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

```
.border{ border-color:rgb(230, 226, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 226, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 226, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 226, 149);  
box-shadow:4px 4px 4px 4px rgb(230, 226,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.6654, -13.9449, 32.8632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 226, 149) }
```

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

```
.background{ background-color: rgb(230,  
226, 149) }
```

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