

Converting Colors

HunterLab(86.4528, 4.1821,
3.0838)

Have a look what the booklet for
HunterLab(86.4528, 4.1821, 3.0838)
contains.

HunterLab(86.4811, 4.0187, 3.0386)	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(86.4811, 4.0187,
3.0386)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DBE4
RGB	240, 219, 228
RGB Percent	94%, 86%, 89%
CMY	0.0588, 0.1412, 0.1059
CMYK	0.00, 0.09, 0.05, 0.06
HSL	334°, 41%, 90%
HSV	334°, 9%, 94%
XYZ	75.2704, 74.7898, 83.8675
YIQ	226.3050, 9.6270, 7.2510

Conversions

Conversions Part 2

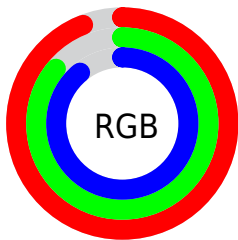
Format	Color
R _Y B	240, 219, 228
Decimal	15784932
CIE Lab	89.30, 8.73, -1.79
CIE LCh	89, 8.916, 348.421
Yxy	74.7931, 0.3218, 0.3197
Android (android.graphics.Color)	4293975012 (0xFFFF0DBE4)
YUV	226.3050, 0.8356, 12.0105
Hunter-Lab	86.4811, 4.0187, 3.0386

Details

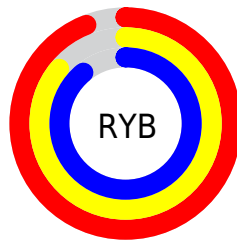
The HunterLab color $86.4811, 4.0187, 3.0386$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $91.1876, -13.1566, 6.8005$, and the grayscale version is $87.3362, -4.6600, 4.7451$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $63.0543, 4.5482, 1.7584$ is the 20% darker color. If you saturate the color by 10%, you get $79.0113, 14.5089, 1.0582$, and if you desaturate by 10%, it is $94.3526, -6.2540, 5.3820$.

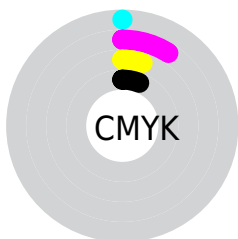
Distribution



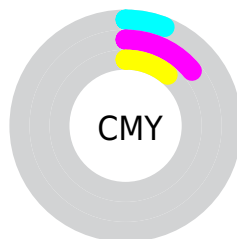
- Red (94%)
- Green (86%)
- Blue (89%)



- Red (94%)
- Yellow (86%)
- Blue (89%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (6%)



- Cyan (6%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.4811, 4.0187, 3.0386 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 86.4811, 4.0187, 3.0386 by changing the saturation by 10% instead.

86.4811, 4.0187,
3.0386

86.4811, 4.0187,
3.0386

218.4505, -0.0104,
9.6303

74.4603, 4.2548,
2.4652

112.2584, 3.3955,
4.2945

63.0530, 4.4394,
1.9279

125.9622, 3.0195,
4.9705

52.2963, 4.5650,
1.4311

140.1824, 2.6034,
5.6771

42.2321, 4.6246,
0.9778

154.9007, 2.1495,
6.4131

32.9119, 4.6089,
0.5724

170.1008, 1.6595,
7.1773

24.4007, 4.5053,
0.2203

185.7680, 1.1352,

16.7842, 4.2953,

7.9689

-0.0707

201.8887, 0.5782,
8.7868

■ 10.1833, 3.9498,
-0.2886

0.0000, INF, -NF

■ 86.4811, 4.0187,
3.0386

■ 86.4811, 4.0187,
3.0386

■ 79.0113, 14.5089,
1.0582

■ 94.3526, -6.2540,
5.3820

■ 72.0070, 25.1808,
-0.4687

■ 98.6233, -10.1585,
3.7174

■ 65.5561, 35.9157,
-1.4199

■ 59.7620, 46.4762,
-1.6513

■ 54.7429, 56.4490,
-1.0103

■ 50.6205, 65.2183,
0.6258

■ 47.4964, 72.0317,
3.2858

■ 45.4136, 76.2289,
6.8335

■ 44.2734, 77.7237,
10.9069

Harmonies

Analogous

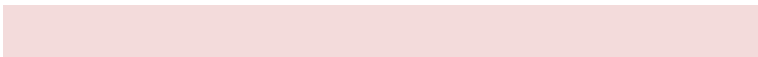
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.4830, 1.9450, -0.9316



86.4811, 4.0187, 3.0386



86.4830, 3.7391, 7.2668

Triad

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



86.4830, 4.0164, 3.0401



86.4830, -7.3348, 12.1540



86.4830, -10.2835, -1.6748

Complementary

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



86.4811, 4.0187, 3.0386



91.1876, -13.1566, 6.8005

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.



86.4830, -12.6715, 2.0675



86.4811, 4.0187, 3.0386



86.4830, -10.9932, 9.9907

Square

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



86.4830, 4.0164, 3.0401



86.4830, -2.8766, 12.3847



86.4830, -12.9286, 6.3424



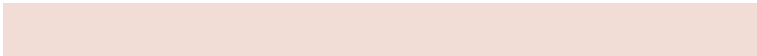
86.4830, -6.3480, -3.7451

Rectangle

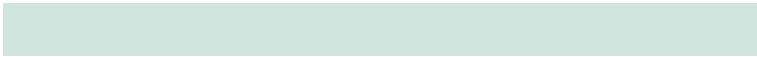
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.4811, 4.0187, 3.0386



86.4830, 2.2606, 9.6651



86.4830, -12.9286, 6.3424



86.4830, -11.2904, -0.5621

Sweetspot

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



86.4830, 4.0164, 3.0401



97.4358, -2.0409, 4.6547



85.9827, 3.1235, -3.8097



44.7639, -0.5350, 2.0596

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.4830, 4.0164, 3.0401



91.5928, 5.7335, 2.9605



86.6255, 1.7596, 7.5366



39.8388, 2.2127, 1.3366



32.7119, 57.7309, 7.8759



9.5380, 17.0271, 0.7912

Inverse Universe

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



86.4830, 4.0164, 3.0401



91.5928, 5.7335, 2.9605



91.0233, -10.8529, 2.1996



39.8388, 2.2127, 1.3366



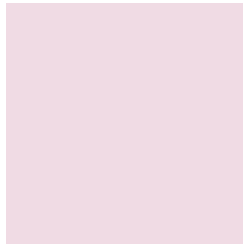
32.7119, 57.7309, 7.8759



9.5380, 17.0271, 0.7912

Previews

White Background



This preview shows how the HunterLab color 86.4811, 4.0187, 3.0386 looks on a white background.

Color Contrast Check

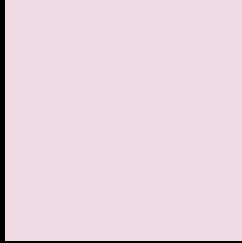
Large Text (above 18pt) WCAG AA × Fail

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 86.4811, 4.0187, 3.0386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

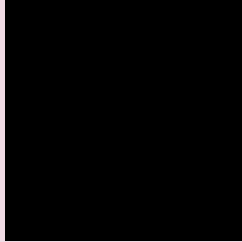
Any Text WCAG AA ✓ Pass

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 86.4811, 4.0187, 3.0386 Background



This preview shows how black text looks on a background with the HunterLab color 86.4811, 4.0187, 3.0386.



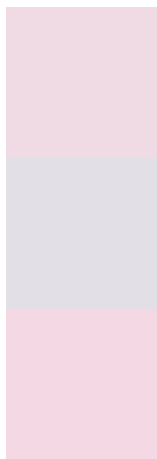
This preview shows how white text looks on a background with the HunterLab color 86.4811, 4.0187,

3.0386.

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

86.4811, 4.0187, 3.0386

Protanopia

86.4982, -2.0703, 1.9489

Deuteranopia

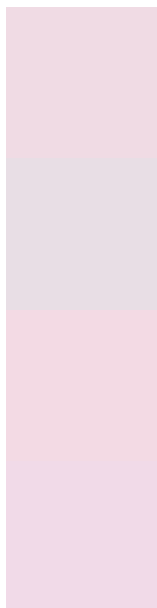
86.2903, 6.4632, 2.8526



Tritanopia

86.5111, 6.1243, -0.4513

Trichromacy



Original Color

86.4811, 4.0187, 3.0386

Protanomaly

86.6346, -0.0844, 2.6509

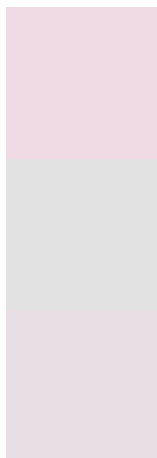
Deuteranomaly

86.4864, 5.5826, 3.0723

Tritanomaly

86.4117, 5.5915, 0.9622

Monochromacy



Original Color

86.4811, 4.0187, 3.0386

Achromatopsia

87.2081, -4.6532, 4.7382

Achromatomaly

86.7815, -1.2873, 3.8009

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.4811, 4.0187, 3.0386 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(240, 219, 228)` looks like.

```
.text, #text, p{  
    color:rgb(240, 219, 228)  
}
```

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(240, 219, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 219, 228) }
```

Border

The CSS property to change the border of an element to HunterLab 86.4811, 4.0187, 3.0386 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(240, 219, 228) }
```


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

```
.border{ border-color:rgb(240, 219, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 219, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 219, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 219, 228);  
box-shadow:4px 4px 4px 4px rgb(240, 219,  
228) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.4811, 4.0187, 3.0386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 219, 228) }
```

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

```
.background{ background-color: rgb(240,  
219, 228) }
```

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