

Converting Colors

HunterLab(85.8787, -4.5334,
3.5934)

Have a look what the booklet for
HunterLab(85.8787, -4.5334, 3.5934)
contains.

HunterLab(85.8727, -4.5581, 3.6516)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**HunterLab(85.8727, -4.5581,
3.6516)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDFE1
RGB	222, 223, 225
RGB Percent	87%, 87%, 88%
CMY	0.1294, 0.1255, 0.1176
CMYK	0.01, 0.01, 0.00, 0.12
HSL	220°, 5%, 88%
HSV	220°, 1%, 88%
XYZ	70.1025, 73.7412, 81.7728
YIQ	222.9290, -1.2380, 0.4100

Conversions

Conversions Part 2

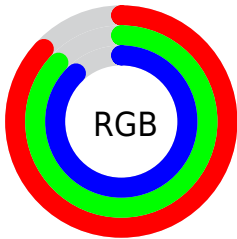
Format	Color
R _Y B	222, 223, 225
Decimal	14606305
CIE Lab	88.80, 0.03, -1.10
CIE LCh	89, 1.103, 271.426
Yxy	73.7444, 0.3107, 0.3268
Android (android.graphics.Color)	4292796385 (0xFFDEDFE1)
YUV	222.9290, 1.0210, -0.8147
Hunter-Lab	85.8727, -4.5581, 3.6516

Details

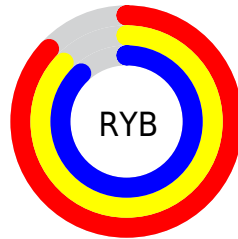
The HunterLab color $85.8727, -4.5581, 3.6516$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $86.3666, -4.6243, 5.6954$, and the grayscale version is $85.8686, -4.5817, 4.6654$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $62.5484, -3.3139, 2.4350$ is the 20% darker color. If you saturate the color by 10%, you get $79.2309, -3.8368, -4.5522$, and if you desaturate by 10%, it is $92.6795, -4.9489, 11.4506$.

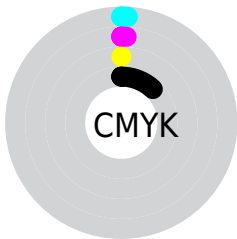
Distribution



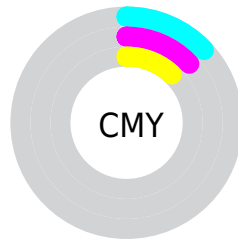
- Red (87%)
- Green (87%)
- Blue (88%)



- Red (87%)
- Yellow (87%)
- Blue (88%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)



- Cyan (13%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.8727, -4.5581, 3.6516 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 85.8727, -4.5581, 3.6516 by changing the saturation by 10% instead.

■ 85.8727, -4.5581,
3.6516

■ 85.8727, -4.5581,
3.6516

217.6214,
-11.5872, 10.4571

■ 73.8816, -3.9208,
3.0495

111.5945, -5.9314,
4.9609

■ 62.5055, -3.3146,
2.4822

125.2724, -6.6608,
5.6621

■ 51.7820, -2.7433,
1.9536

139.4674, -7.4179,
6.3930

■ 41.7533, -2.2092,
1.4666

154.1615, -8.2016,
7.1525

■ 32.4715, -1.7151,
1.0248

169.3382, -9.0112,
7.9395

■ 24.0023, -1.2646,
0.6332

184.9826, -9.8458,

■ 16.4328, -0.8624,

8.7532

0.2987

201.0811,
-10.7047, 9.5926

■ 9.8862, -0.5151,
0.0314

0.0000, NaN, NaN

■ 85.8727, -4.5581,
3.6516

■ 85.8727, -4.5581,
3.6516

■ 79.2309, -3.8368,
-4.5522

■ 92.6795, -4.9489,
11.4506

■ 72.7674, -2.7141,
-13.2503

■ 98.4452, -9.2007,
17.5979

■ 66.5074, -1.1108,
-22.5427

■ 99.1042, -10.2659,
18.2706

■ 60.4801, 1.0734,
-32.5471

■ 54.7223, 3.9602,
-43.3923

■ 49.2805, 7.6912,
-55.2030

■ 44.2132, 12.4168,
-68.0654

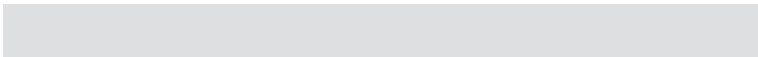
■ 39.5920, 18.2644,
-81.9604

■ 35.4994, 25.2687,
-96.6578

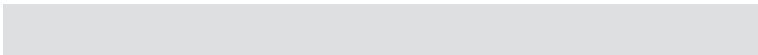
Harmonies

Analogous

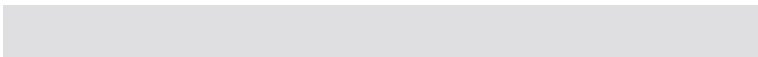
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.8745, -5.0966, 3.7778



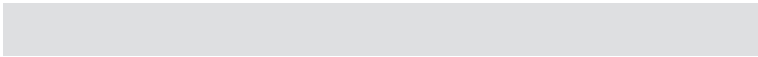
85.8727, -4.5581, 3.6516



85.8745, -4.0293, 3.8033

Triad

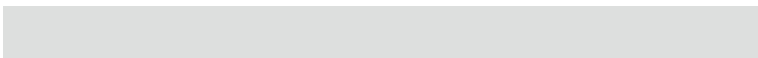
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.8745, -4.5601, 3.6530



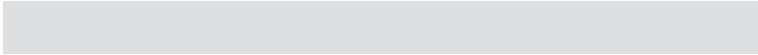
85.8745, -3.6738, 5.2022



85.8745, -5.5221, 5.1587

Complementary

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



85.8727, -4.5581, 3.6516



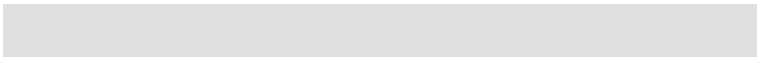
86.3666, -4.6243, 5.6954

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.



85.8745, -5.1425, 5.5364



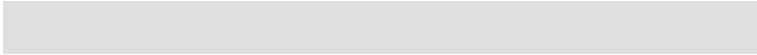
85.8727, -4.5581, 3.6516



85.8745, -4.0755, 5.5614

Square

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



85.8745, -4.5601, 3.6530



85.8745, -3.5169, 4.6997



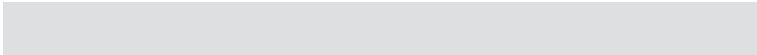
85.8745, -4.6132, 5.6834



85.8745, -5.6512, 4.6491

Rectangle

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



85.8727, -4.5581, 3.6516



85.8745, -3.7505, 4.0388



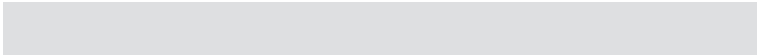
85.8745, -4.6132, 5.6834



85.8745, -5.4196, 5.3052

Sweetspot

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



85.8745, -4.5601, 3.6530

100.0000, -5.3358, 5.4332



86.4640, -5.7724, 4.8437

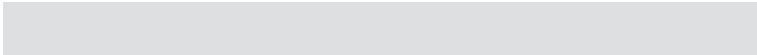


46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

Same Dimension

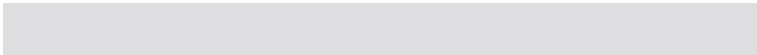
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.8745, -4.5601, 3.6530



98.4375, -5.2114, 3.5822



85.6041, -3.8964, 3.3426



39.7385, -2.1051, 1.4914



24.9949, 23.3098, -81.5606



7.7072, 3.4489, -17.0785

Inverse Universe

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



85.7783, -3.4189, 4.5396



98.2713, -3.2258, 5.1310



86.6377, -5.2882, 5.9992



39.6756, -1.3540, 2.0767



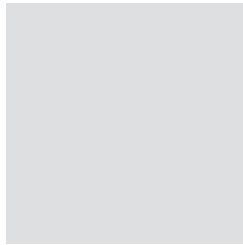
30.8848, 53.9093, 12.0650



8.2306, 14.5573, 1.7353

Previews

White Background



This preview shows how the HunterLab color 85.8727, -4.5581, 3.6516 looks on a white background.

Color Contrast Check

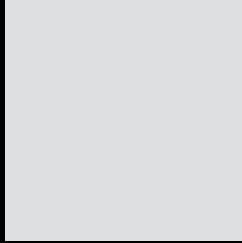
Large Text (above 18pt) WCAG AA × Fail

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 85.8727, -4.5581, 3.6516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

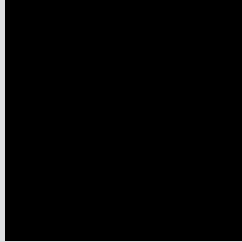
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

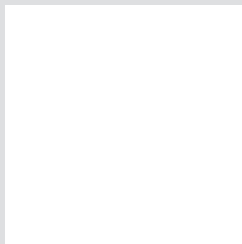
Any Text WCAG AAA ✓ Pass

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

HunterLab 85.8727, -4.5581, 3.6516 Background



This preview shows how black text looks on a background with the HunterLab color 85.8727, -4.5581, 3.6516.



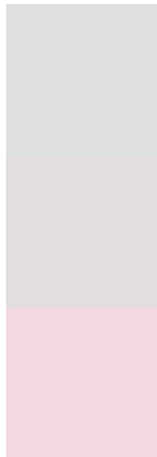
This preview shows how white text looks on a background with the HunterLab color 85.8727, -4.5581,

3.6516.

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

85.8727, -4.5581, 3.6516

Protanopia

85.9029, -2.9223, 4.2084

Deuteranopia

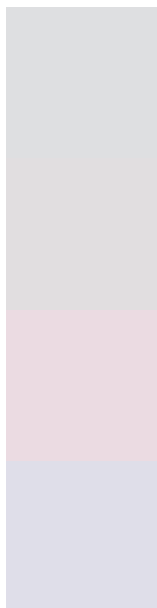
85.8239, 6.3068, 3.2882



Tritanopia

85.8681, -0.5362, -2.9499

Trichromacy



Original Color

85.8727, -4.5581, 3.6516

Protanomaly

85.8090, -3.2472, 4.0916

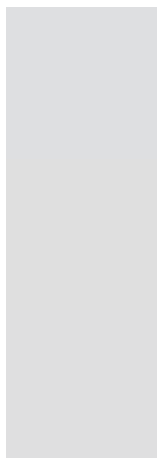
Deuteranomaly

85.9163, 1.9761, 3.3228

Tritanomaly

85.9149, -2.2973, -0.3003

Monochromacy



Original Color

85.8727, -4.5581, 3.6516

Achromatopsia

85.9017, -4.5835, 4.6672

Achromatomaly

85.9332, -4.4110, 4.2181

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.8727, -4.5581, 3.6516 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(222, 223, 225)` looks like.

```
.text, #text, p{  
    color:rgb(222, 223, 225)  
}
```

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(222, 223, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 223, 225) }
```

Border

The CSS property to change the border of an element to HunterLab 85.8727, -4.5581, 3.6516 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(222, 223, 225) }
```

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

```
.border{ border-color:rgb(222, 223, 225) }
```

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

Here you see how a box with a 4 pixel rgb(222, 223, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 223, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 223, 225);  
box-shadow:4px 4px 4px 4px rgb(222, 223,  
225) }
```


Background

The CSS property to change the background color of an element to HunterLab 85.8727, -4.5581, 3.6516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 223, 225) }
```

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

```
.background{ background-color: rgb(222,  
223, 225) }
```

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