

Converting Colors

HunterLab(85.6599, -4.5706,
4.6541)

Have a look what the booklet for
HunterLab(85.6599, -4.5706, 4.6541)
contains.

HunterLab(85.4670, -4.5603, 4.6436) 3
 Conversions 4
 Details 6
 Harmonies 12
 Previews 23
 Color Blindness Simulation 27
 CSS Examples 30

Color

**HunterLab(85.4670, -4.5603,
4.6436)**

Conversions

Conversions Part 1	
Format	Color
Hex	DEDEDE
RGB	222, 222, 222
RGB Percent	87%, 87%, 87%
CMY	0.1294, 0.1294, 0.1294
CMYK	0.00, 0.00, 0.00, 0.13
HSL	121°, 0%, 87%
HSV	121°, 0%, 87%
XYZ	69.4303, 73.0461, 79.5472
YIQ	222.0000, -0.0000, 0.0000

Conversions

Conversions Part 2

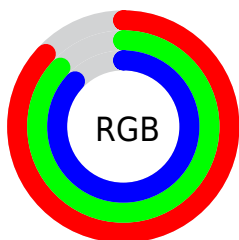
Format	Color
RYB	222, 222, 222
Decimal	14606046
CIELab	88.47, 0.00, -0.01
CIELCh	88, 0.008, 289.134
Yxy	73.0492, 0.3127, 0.3290
Android (android.graphics.Color)	4292796126 (0xFFDEDEDE)
YUV	222.0000, 0.0000, 0.0000
Hunter-Lab	85.4670, -4.5603, 4.6436

Details

The HunterLab color 85.4670, -4.5603, 4.6436 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 85.4681, -4.5585, 4.6424, and the grayscale version is 85.4686, -4.5604, 4.6437.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 62.1634, -3.3169, 3.3775 is the 20% darker color. If you saturate the color by 10%, you get 82.8660, -15.0920, 11.6974, and if you desaturate by 10%, it is 88.3437, 6.6957, -2.8843.

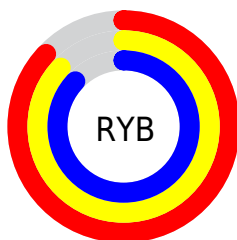
Distribution



Red (87%)

Green (87%)

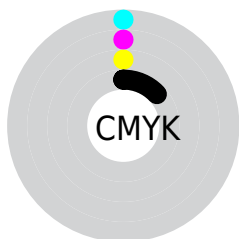
Blue (87%)



Red (87%)

Yellow (87%)

Blue (87%)

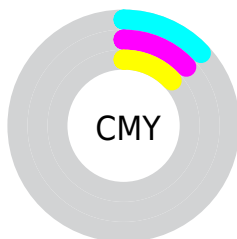


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (13%)



Cyan (13%)


Magenta (13%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.4670, -4.5603, 4.6436 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 85.4670, -4.5603, 4.6436 by changing the saturation by 10% instead.


 85.4670, -4.5603,
4.6436

 85.4670, -4.5603,
4.6436


217.0680,
-11.5902, 11.8056

 73.4957, -3.9229,
3.9936


111.1517, -5.9338,
6.0423

 62.1407, -3.3166,
3.3759


124.8121, -6.6633,
6.7855

 51.4393, -2.7452,
2.7938


138.9904, -7.4205,
7.5570

 41.4344, -2.2110,
2.2496

153.6683, -8.2043,
8.3557

 32.1783, -1.7167,
1.7463

168.8293, -9.0140,
9.1806

 23.7373, -1.2661,
1.2873


184.4585, -9.8487,

 16.1993, -0.8637,


10.0311


0.8776


200.5422,
-10.7076, 10.9063


 9.6894, -0.5162,
0.5239


0.0000, NaN, NaN


 85.4670, -4.5603,
4.6436


 85.4670, -4.5603,
4.6436


 82.8660, -15.0920,
11.6974

 88.3437, 6.6957,
-2.8843

 80.5469, -24.7705,
18.1903

 89.8473, 12.4570,
-6.8498

 78.5204, -33.4769,
24.0424

 76.7920, -41.1012,
29.1789

■ 75.3627, -47.5542,
33.5391

■ 74.2280, -52.7785,
37.0827

■ 73.3773, -56.7583,
39.7971

■ 72.7924, -59.5285,
41.7031

■ 72.4461, -61.1834,
42.8603

Harmonies

Analogous

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



85.4688, -4.5665, 4.6447



85.4670, -4.5603, 4.6436



85.4688, -4.5588, 4.6472

Triad

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



85.4688, -4.5623, 4.6450



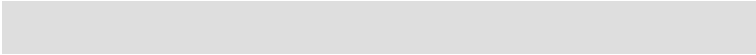
85.4688, -4.5596, 4.6582



85.4688, -4.5730, 4.6538

Complementary

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



85.4670, -4.5603, 4.6436



85.4681, -4.5585, 4.6424

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.



85.4688, -4.5711, 4.6574



85.4670, -4.5603, 4.6436



85.4688, -4.5634, 4.6599

Square

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



85.4688, -4.5623, 4.6450



85.4688, -4.5573, 4.6548



85.4688, -4.5677, 4.6596



85.4688, -4.5727, 4.6498

Rectangle

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



85.4670, -4.5603, 4.6436



85.4688, -4.5574, 4.6495



85.4688, -4.5677, 4.6596



85.4688, -4.5726, 4.6551

Sweetspot

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



85.4688, -4.5623, 4.6450

100.0000, -5.3358, 5.4332



85.4692, -4.5611, 4.6454



46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

Same Dimension

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



85.4688, -4.5623, 4.6450

100.0000, -5.3358, 5.4332



85.4689, -4.5620, 4.6441



40.3295, -2.1519, 2.1912



55.7087, -47.7473, 33.4417



14.6693, -12.5550, 8.7672

Inverse Universe

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



85.4681, -4.5585, 4.6424

100.0000, -5.3358, 5.4332



85.4681, -4.5588, 4.6432



40.3295, -2.1519, 2.1912



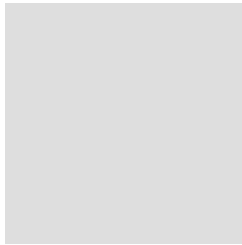
35.0609, 68.7943, -45.1836



9.2346, 18.1254, -11.9462

Previews

White Background



This preview shows how the HunterLab color 85.4670, -4.5603, 4.6436 looks on a white background.

Color Contrast Check

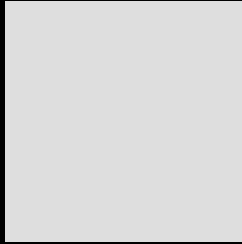
Large Text (above 18pt) WCAG AA × Fail

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 85.4670, -4.5603, 4.6436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

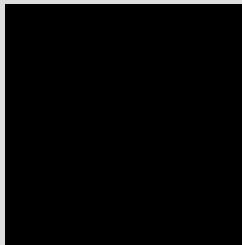
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

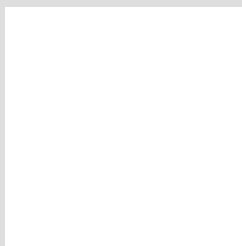
Any Text WCAG AAA ✓ Pass

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

HunterLab 85.4670, -4.5603, 4.6436 Background



This preview shows how black text looks on a background with the HunterLab color 85.4670, -4.5603, 4.6436.

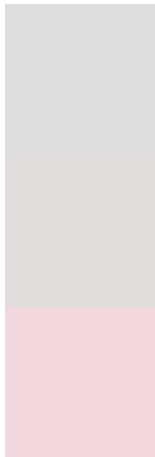


This preview shows how white text looks on a background with the HunterLab color 85.4670, -4.5603,

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

85.4670, -4.5603, 4.6436

Protanopia

85.4998, -2.9168, 5.1968

Deuteranopia

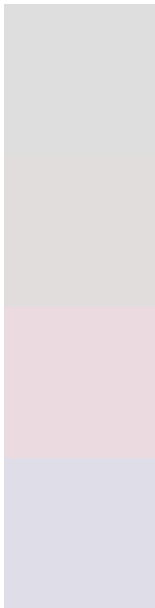
85.4303, 6.3302, 4.3018



Tritanopia

85.5267, -0.1964, -2.8447

Trichromacy



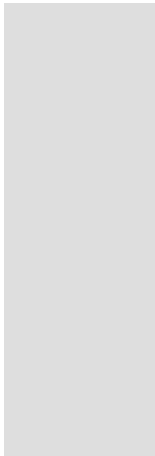
Original Color
85.4670, -4.5603, 4.6436

Protanomaly
85.4055, -3.2432, 5.0806

Deuteranomaly
85.5177, 1.9890, 4.3292

Tritanomaly
85.5728, -1.9564, -0.2004

Monochromacy



Original Color
85.4670, -4.5603, 4.6436

Achromatopsia
85.4670, -4.5603, 4.6436

Achromatomaly
85.4670, -4.5603, 4.6436

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.4670, -4.5603, 4.6436 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, 222, 222) looks like.

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

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, 222, 222) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 85.4670, -4.5603, 4.6436 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, 222, 222) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to HunterLab 85.4670, -4.5603, 4.6436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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