

Converting Colors

HunterLab(85.6857, -4.5596,
5.1426)

Have a look what the booklet for
HunterLab(85.6857, -4.5596, 5.1426)
contains.

HunterLab(85.5596, -4.2384, 4.7582)	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(85.5596, -4.2384,
4.7582)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDEDE
RGB	223, 222, 222
RGB Percent	87%, 87%, 87%
CMY	0.1255, 0.1294, 0.1294
CMYK	0.00, 0.00, 0.00, 0.13
HSL	0°, 2%, 87%
HSV	0°, 0%, 87%
XYZ	69.7375, 73.2045, 79.5615
YIQ	222.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

Format	Color
R _Y B	223, 222, 222
Decimal	14671582
CIE Lab	88.55, 0.34, 0.11
CIE LCh	89, 0.358, 18.087
Yxy	73.2076, 0.3134, 0.3290
Android (android.graphics.Color)	4292861662 (0xFFDFDEDE)
YUV	222.2990, -0.1474, 0.6148
Hunter-Lab	85.5596, -4.2384, 4.7582

Details

The HunterLab color $85.5596, -4.2384, 4.7582$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $85.8089, -4.9025, 4.5516$, and the grayscale version is $85.5990, -4.5673, 4.6508$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $62.2513, -3.0114, 3.4862$ is the 20% darker color. If you saturate the color by 10%, you get $78.1385, 3.5846, 6.8876$, and if you desaturate by 10%, it is $93.3122, -11.7470, 2.7582$.

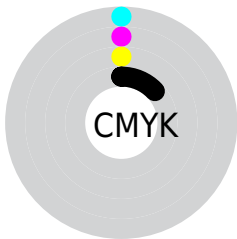
Distribution



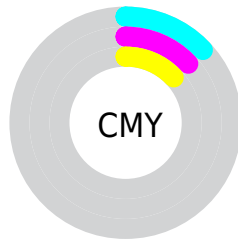
- Red (87%)
- Green (87%)
- Blue (87%)



- 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 85.5596, -4.2384, 4.7582 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 85.5596, -4.2384, 4.7582 by changing the saturation by 10% instead.

■ 85.5596, -4.2384,
4.7582

■ 85.5596, -4.2384,
4.7582

217.1944,
-11.1513, 11.9620

■ 73.5838, -3.6168,
4.1026

111.2528, -5.5825,
6.1674

■ 62.2239, -3.0271,
3.4789

124.9172, -6.2982,
6.9156

■ 51.5175, -2.4733,
2.8905

139.0993, -7.0421,
7.6918

■ 41.5072, -1.9579,
2.3396

153.7809, -7.8131,
8.4950

■ 32.2452, -1.4841,
1.8290

168.9455, -8.6103,
9.3244

■ 23.7977, -1.0558,
1.3620

184.5781, -9.4329,

■ 16.2526, -0.6784,

10.1792

0.9434

200.6653,
-10.2801, 11.0586

■ 9.7342, -0.3599,
0.5793

0.0000, NaN, NaN

■ 85.5596, -4.2384,
4.7582

■ 85.5596, -4.2384,
4.7582

■ 78.1385, 3.5846,
6.8876

■ 93.3122, -11.7470,
2.7582

■ 71.0995, 11.7595,
9.1558

■ 97.1742, -15.3103,
1.8861

■ 64.5150, 20.2885,
11.5693

■ 58.4740, 29.1164,
14.1142

■ 53.0845, 38.0776,
16.7406

■ 48.4711, 46.8318,
19.3409

■ 44.7619, 54.8192,
21.7350

■ 42.0598, 61.3132,
23.6867

■ 40.3984, 65.6506,
24.9798

Harmonies

Analogous

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



85.5614, -4.2308, 4.5893



85.5596, -4.2384, 4.7582



85.5614, -4.3384, 4.9022

Triad

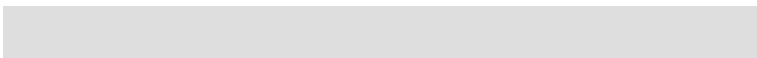
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.5614, -4.2404, 4.7596



85.5614, -4.8275, 4.8771



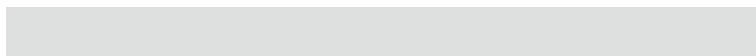
85.5614, -4.6414, 4.3343

Complementary

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



85.5596, -4.2384, 4.7582



85.8089, -4.9025, 4.5516

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.



85.5614, -4.8012, 4.4118



85.5596, -4.2384, 4.7582



85.5614, -4.9086, 4.7253

Square

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



85.5614, -4.2404, 4.7596



85.5614, -4.6774, 4.9700



85.5614, -4.8989, 4.5550



85.5614, -4.4624, 4.3435

Rectangle

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



85.5596, -4.2384, 4.7582



85.5614, -4.4406, 4.9625



85.5614, -4.8989, 4.5550



85.5614, -4.6992, 4.3511

Sweetspot

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



85.5614, -4.2404, 4.7596

100.0000, -5.3358, 5.4332



85.5917, -4.0664, 4.3100



46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

Same Dimension

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



85.5614, -4.2404, 4.7596



99.1094, -4.4372, 5.6751



85.7155, -4.4968, 4.9361



39.9927, -1.8121, 2.2827



30.3957, 51.9290, 19.6388



8.0214, 13.6069, 5.1810

Inverse Universe

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



85.8089, -4.9025, 4.5516



99.7563, -6.1682, 5.1315



85.6545, -4.6464, 4.3740



40.2374, -2.4668, 2.0770



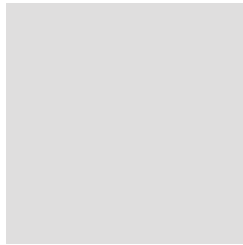
58.2222, -30.7173, -6.4628



15.3383, -8.0987, -1.6887

Previews

White Background



This preview shows how the HunterLab color 85.5596, -4.2384, 4.7582 looks on a white background.

Color Contrast Check

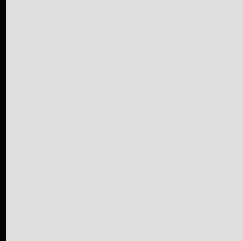
Large Text (above 18pt) WCAG AA × Fail

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 85.5596, -4.2384, 4.7582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

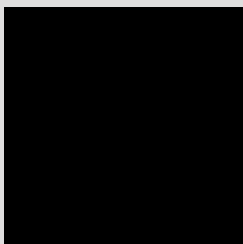
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

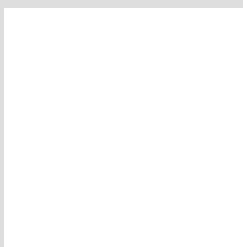
Any Text WCAG AAA ✓ Pass

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

HunterLab 85.5596, -4.2384, 4.7582 Background



This preview shows how black text looks on a background with the HunterLab color 85.5596, -4.2384, 4.7582.



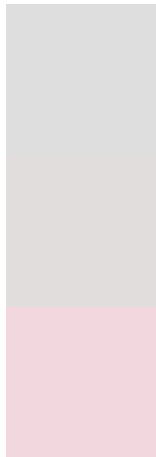
This preview shows how white text looks on a background with the HunterLab color 85.5596, -4.2384,

4.7582.

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

85.5596, -4.2384, 4.7582

Protanopia

85.4998, -2.9168, 5.1968

Deuteranopia

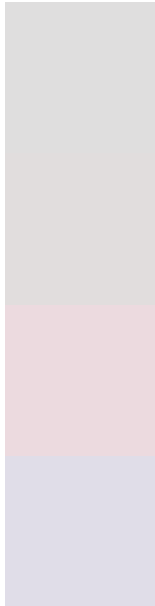
85.4303, 6.3302, 4.3018



Tritanopia

85.6203, 0.1243, -2.7207

Trichromacy



Original Color

85.5596, -4.2384, 4.7582

Protanomaly

85.4055, -3.2432, 5.0806

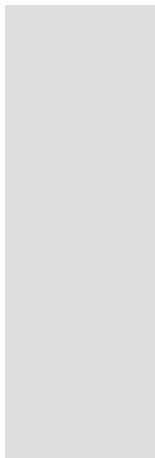
Deuteranomaly

85.6174, 2.3281, 4.4530

Tritanomaly

85.6659, -1.6358, -0.0800

Monochromacy



Original Color

85.5596, -4.2384, 4.7582

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 85.5596, -4.2384, 4.7582 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(223, 222, 222)` looks like.

```
.text, #text, p{  
    color:rgb(223, 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(223, 222, 222) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 85.5596, -4.2384, 4.7582 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(223, 222, 222) }
```

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

```
.border{ border-color:rgb(223, 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(223, 222, 222)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to HunterLab 85.5596, -4.2384, 4.7582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(223,  
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