

Converting Colors

HunterLab(83.5127, -4.7883,
2.8103)

Have a look what the booklet for
HunterLab(83.5127, -4.7883, 2.8103)
contains.

HunterLab(83.5526, -4.9022, 2.8567)	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(83.5526, -4.9022,
2.8567)**

Conversions

Conversions Part 1

Format	Color
Hex	D7DADD
RGB	215, 218, 221
RGB Percent	84%, 85%, 87%
CMY	0.1569, 0.1451, 0.1333
CMYK	0.03, 0.01, 0.00, 0.13
HSL	210°, 8%, 85%
HSV	210°, 3%, 87%
XYZ	66.1469, 69.8104, 78.3950
YIQ	217.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

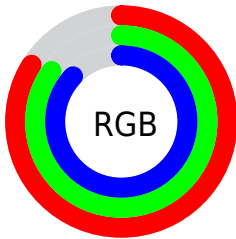
Format	Color
R _Y B	215, 217, 221
Decimal	14146269
CIE Lab	86.91, -0.46, -1.83
CIE LCh	87, 1.891, 255.896
Yxy	69.8134, 0.3086, 0.3257
Android (android.graphics.Color)	4292336349 (0xFFD7DADD)
YUV	217.4450, 1.7526, -2.1443
Hunter-Lab	83.5526, -4.9022, 2.8567

Details

The HunterLab color $83.5526, -4.9022, 2.8567$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83.9169, -4.0067, 6.2154$, and the grayscale version is $83.4867, -4.4546, 4.5360$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $60.3499, -3.6371, 1.6809$ is the 20% darker color. If you saturate the color by 10%, you get $78.2019, -6.0089, -3.7819$, and if you desaturate by 10%, it is $89.0530, -3.4238, 9.2695$.

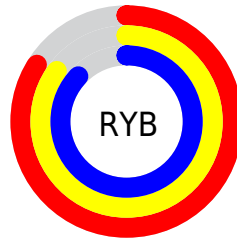
Distribution



Red (84%)

Green (85%)

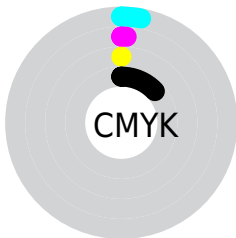
Blue (87%)



Red (84%)

Yellow (85%)

Blue (87%)

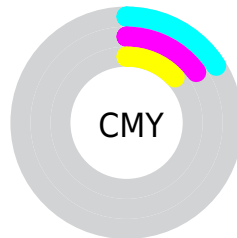


Cyan (3%)

Magenta (1%)

Yellow (0%)

Black (13%)



Cyan (16%)

Magenta (15%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.5526, -4.9022, 2.8567 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 83.5526, -4.9022, 2.8567 by changing the saturation by 10% instead.

■ 83.5526, -4.9022,
2.8567

■ 83.5526, -4.9022,
2.8567

214.4515,
-12.0587, 9.3703

■ 71.6759, -4.2476,
2.2939

109.0608, -6.3075,
4.0926

■ 60.4207, -3.6232,
1.7681

122.6383, -7.0519,
4.7593

■ 49.8254, -3.0326,
1.2836

136.7367, -7.8235,
5.4571

■ 39.9340, -2.4778,
0.8437

151.3375, -8.6213,
6.1845

■ 30.8007, -1.9612,
0.4529

166.4239, -9.4444,
6.9406

■ 22.4946, -1.4860,
0.1174

181.9807,

■ 15.1081, -1.0560,

-10.2921, 7.7241

-0.1544

197.9941,
-11.1638, 8.5343

■ 8.7433, -0.6966,
-0.3936

0.0000, NaN, NaN

■ 83.5526, -4.9022,
2.8567

■ 83.5526, -4.9022,
2.8567

■ 78.2019, -6.0089,
-3.7819

■ 89.0530, -3.4238,
9.2695

■ 73.0104, -6.6813,
-10.6805

■ 94.2587, -3.0874,
14.9984

■ 67.9971, -6.8545,
-17.8685

■ 97.7482, -8.8548,
18.5837

■ 63.1817, -6.4513,
-25.3747

■ 98.9952, -10.8685,
19.8396

■ 58.5873, -5.3853,
-33.2212

■ 54.2393, -3.5638,
-41.4180

■ 50.1658, -0.8961,
-49.9534

■ 46.3950, 2.6910,
-58.7853

■ 42.9510, 7.2260,
-67.8379

Harmonies

Analogous

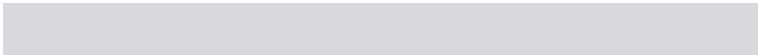
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.5544, -5.7208, 3.3001



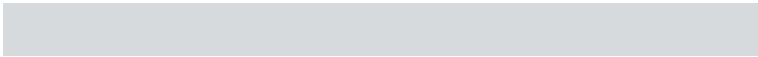
83.5526, -4.9022, 2.8567



83.5544, -3.9656, 2.8723

Triad

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



83.5544, -4.9041, 2.8581



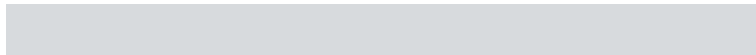
83.5544, -2.7119, 5.0191



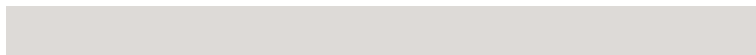
83.5544, -5.7606, 5.7395

Complementary

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



83.5526, -4.9022, 2.8567



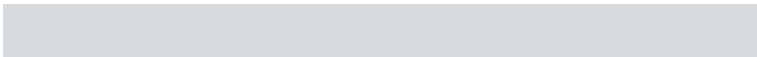
83.9169, -4.0067, 6.2154

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.



83.5544, -4.9587, 6.1899



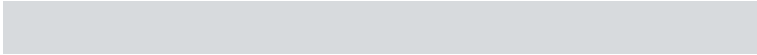
83.5526, -4.9022, 2.8567



83.5544, -3.1972, 5.7771

Square

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



83.5544, -4.9041, 2.8581



83.5544, -2.6971, 4.1267



83.5544, -4.0205, 6.2035



83.5544, -6.2138, 4.9673

Rectangle

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



83.5526, -4.9022, 2.8567



83.5544, -3.3971, 3.1389



83.5544, -4.0205, 6.2035



83.5544, -5.5231, 5.9332

Sweetspot

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



83.5544, -4.9041, 2.8581



99.3528, -5.4997, 4.6661



84.3906, -6.9752, 5.3255



45.9800, -2.5407, 2.1764

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

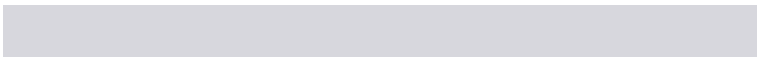
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.5544, -4.9041, 2.8581



98.0635, -5.8144, 3.1239



82.6562, -3.4087, 1.8033



38.4044, -2.3323, 1.0033



31.3328, 7.6855, -55.7540



8.9910, 0.0913, -11.4351

Inverse Universe

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



83.0881, -1.9485, 3.8303



97.4537, -1.9436, 4.4002



84.8173, -5.5000, 7.2262



38.1062, -0.4336, 1.6329



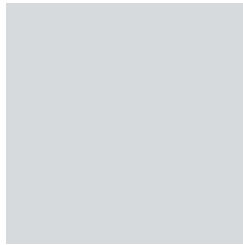
31.0078, 55.3106, 2.9140



8.0018, 14.4754, -0.8135

Previews

White Background



This preview shows how the HunterLab color 83.5526, -4.9022, 2.8567 looks on a white background.

Color Contrast Check

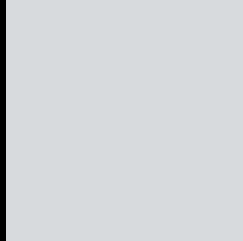
Large Text (above 18pt) WCAG AA × Fail

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 83.5526, -4.9022, 2.8567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

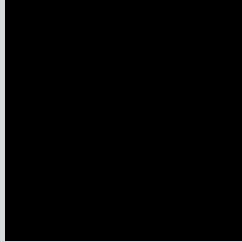
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

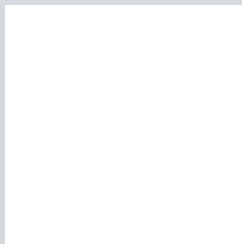
Any Text WCAG AAA ✓ Pass

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

HunterLab 83.5526, -4.9022, 2.8567 Background



This preview shows how black text looks on a background with the HunterLab color 83.5526, -4.9022, 2.8567.



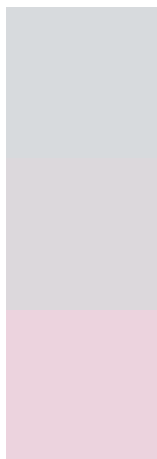
This preview shows how white text looks on a background with the HunterLab color 83.5526, -4.9022,

2.8567.

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

83.5526, -4.9022, 2.8567

Protanopia

83.3635, -2.4468, 3.1683

Deuteranopia

83.4837, 5.8636, 2.4651



Tritanopia

83.5145, -1.0685, -3.2871

Trichromacy



Original Color

83.5526, -4.9022, 2.8567

Protanomaly

83.4856, -3.6075, 3.2937

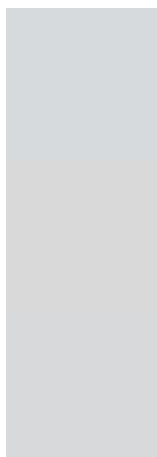
Deuteranomaly

83.5829, 1.5698, 2.5093

Tritanomaly

83.5953, -2.6412, -1.1110

Monochromacy



Original Color

83.5526, -4.9022, 2.8567

Achromatopsia

83.2990, -4.4446, 4.5258

Achromatomaly

83.2386, -4.5921, 3.9649

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.5526, -4.9022, 2.8567 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(215, 218, 221)` looks like.

```
.text, #text, p{  
    color:rgb(215, 218, 221)  
}
```

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(215, 218, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 218, 221) }
```

Border

The CSS property to change the border of an element to HunterLab 83.5526, -4.9022, 2.8567 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(215, 218, 221) }
```


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

```
.border{ border-color:rgb(215, 218, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 218, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 218, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 218, 221);  
box-shadow:4px 4px 4px 4px rgb(215, 218,  
221) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.5526, -4.9022, 2.8567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 218, 221) }
```

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

```
.background{ background-color: rgb(215,  
218, 221) }
```

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