

Converting Colors

HunterLab(53.3627, 59.5173,
-42.7426)

Have a look what the booklet for
HunterLab(53.3627, 59.5173,
-42.7426) contains.

HunterLab(53.4867, 59.4841, -42.6058)	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(53.4867, 59.4841,
-42.6058)**

Conversions

Conversions Part 1

Format	Color
Hex	D862DE
RGB	216, 98, 222
RGB Percent	85%, 38%, 87%
CMY	0.1529, 0.6157, 0.1294
CMYK	0.03, 0.56, 0.00, 0.13
HSL	297°, 65%, 63%
HSV	297°, 56%, 87%
XYZ	45.8715, 28.6083, 72.2115
YIQ	147.4180, 30.5240, 63.5800

Conversions

Conversions Part 2

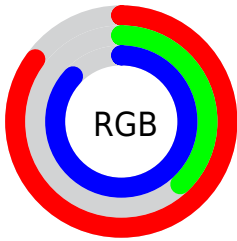
Format	Color
R _Y B	216, 98, 222
Decimal	14181086
CIE Lab	60.44, 62.74, -42.63
CIE LCh	60, 75.849, 325.805
Yxy	28.6095, 0.3127, 0.1950
Android (android.graphics.Color)	4292371166 (0xFFD862DE)
YUV	147.4180, 36.7689, 60.1464
Hunter-Lab	53.4867, 59.4841, -42.6058

Details

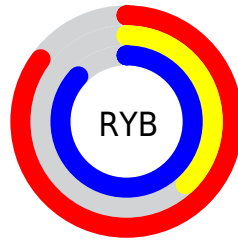
The HunterLab color $53.4867, 59.4841, -42.6058$ is a light color, and the websafe version is hex $CC66CC$. A complement of this color would be $74.8787, -49.9014, 36.1156$, and the grayscale version is $54.0334, -2.8831, 2.9357$.

A 20% lighter version of the original color is $71.8270, 50.3638, -32.9533$, and $33.8723, 55.1255, -41.3111$ is the 20% darker color. If you saturate the color by 10%, you get $49.8520, 69.4427, -50.2570$, and if you desaturate by 10%, it is $57.8962, 48.4091, -34.2485$.

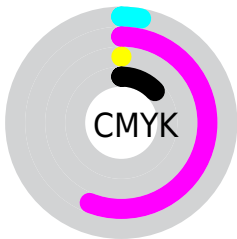
Distribution



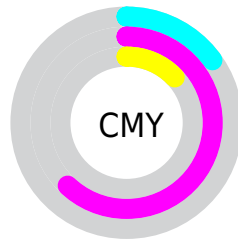
- Red (85%)
- Green (38%)
- Blue (87%)



- Red (85%)
- Yellow (38%)
- Blue (87%)



- Cyan (3%)
- Magenta (56%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (62%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.4867, 59.4841, -42.6058 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 53.4867, 59.4841, -42.6058 by changing the saturation by 10% instead.


 53.4867, 59.4841,
-42.6058

 53.4867, 59.4841,
-42.6058


171.8628, 74.2028,
-47.7991

 43.3424, 57.3776,
-41.9481


 75.7998, 63.4115,
-43.9856


 33.9345, 55.2086,
-41.4011


 87.8906, 65.2265,
-44.6528

 25.3272, 53.0420,
-41.1125


 100.5636, 66.9435,
-45.2859

 17.6035, 51.0536,
-41.4261

 113.7932, 68.5664,
-45.8784

 10.8791, 49.7726,
-43.2897

127.5569, 70.0993,
-46.4271

 2.1957, 143.4977,
-129.8103

141.8347, 71.5469,

0.0000, INF, -NF

-46.9303

0.0000, NaN, -NF

156.6087, 72.9133,
-47.3875

0.0000, NaN, NaN

■ 53.4867, 59.4841,
-42.6058

■ 53.4867, 59.4841,
-42.6058

■ 49.8520, 69.4427,
-50.2570

■ 57.8962, 48.4091,
-34.2485

■ 47.0636, 77.5960,
-56.7020

■ 62.9837, 36.8005,
-25.6004

■ 45.1535, 83.3075,
-61.4618

■ 68.6564, 25.0555,
-16.9353

■ 44.0762, 86.2818,
-64.2916

■ 74.8294, 13.4133,
-8.4121

■ 43.7736, 87.0116,
-65.1078

■ 81.4299, 1.9965,
-0.1063

■ 88.3975, -9.1465,
7.9581

■ 95.6827, -20.0103,
15.7862

■ 96.2997, -20.4787,
16.4326

■ 96.3894, -20.1527,
16.5331

Harmonies

Analogous

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



53.4879, 27.2519, -83.3811



53.4867, 59.4841, -42.6058



53.4879, 75.1011, -1.6361

Triad

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



53.4879, 59.4821, -42.6039



53.4879, 1.8056, 34.7722



53.4879, -48.3954, -30.0878

Complementary

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



53.4867, 59.4841, -42.6058



74.8787, -49.9014, 36.1156

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.



53.4879, -52.1109, 7.0919



53.4867, 59.4841, -42.6058



53.4879, -27.4971, 33.5787

Square

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



53.4879, 59.4821, -42.6039



53.4879, 37.1217, 32.4750



53.4879, -45.4525, 26.7494



53.4879, -33.7202, -73.6050

Rectangle

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



53.4867, 59.4841, -42.6058



53.4879, 71.7944, 16.7376



53.4879, -45.4525, 26.7494



53.4879, -50.7904, -16.0058

Sweetspot

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



53.4879, 59.4821, -42.6039



86.6005, 17.4225, -11.1042



42.2054, 24.2333, -70.6513



39.3751, 9.3310, -6.0657

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.4879, 59.4821, -42.6039



57.7147, 83.0089, -60.1734



51.9872, 51.1507, -8.3257



37.2828, 2.8656, -1.4470



33.7577, 67.0905, -50.1190



8.9467, 17.7485, -13.0318

Inverse Universe

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



50.2650, 43.3999, 16.2832



53.2954, 62.0449, 22.5561



75.6085, -45.0216, 21.8951



37.0287, 1.4057, 2.9120



30.4022, 52.1260, 19.1695



8.0282, 13.8124, 4.6916

Previews

White Background



This preview shows how the HunterLab color 53.4867, 59.4841, -42.6058 looks on a white background.

Color Contrast Check

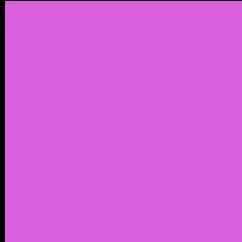
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.4867, 59.4841, -42.6058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

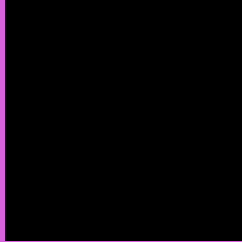
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 53.4867, 59.4841, -42.6058 Background



This preview shows how black text looks on a background with the HunterLab color 53.4867, 59.4841, -42.6058.



This preview shows how white text looks on a background with the HunterLab color 53.4867, 59.4841, -42.6058.

-42.6058.

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

53.4867, 59.4841, -42.6058

Protanopia

53.8506, 13.2988, -70.7486

Deuteranopia

53.8121, 4.4602, -36.8577



Tritanopia

53.4199, 27.5862, 9.5678

Trichromacy



Original Color

53.4867, 59.4841, -42.6058



Protanomaly

51.8476, 27.3058, -64.5394



Deuteranomaly

52.2667, 23.1805, -41.8543



Tritanomaly

52.9584, 38.4396, -6.0154

Monochromacy



Original Color

53.4867, 59.4841, -42.6058



Achromatopsia

54.0158, -2.8821, 2.9348



Achromatomaly

52.4663, 18.7667, -12.5944

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.4867, 59.4841, -42.6058 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(216, 98, 222)` looks like.

```
.text, #text, p{  
    color:rgb(216, 98, 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(216, 98, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 98, 222) }
```

Border

The CSS property to change the border of an element to HunterLab 53.4867, 59.4841, -42.6058 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(216, 98, 222) }
```


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

```
.border{ border-color:rgb(216, 98, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 98, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 98, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 98, 222);  
box-shadow:4px 4px 4px 4px rgb(216, 98,  
222) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.4867, 59.4841, -42.6058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 98, 222) }
```

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

```
.background{ background-color: rgb(216, 98,  
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