

Converting Colors

HunterLab(49.9981, 53.8469,
-57.2762)

Have a look what the booklet for
HunterLab(49.9981, 53.8469,
-57.2762) contains.

HunterLab(49.8976, 53.8120, -57.2658)	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(49.8976, 53.8120,
-57.2658)**

Conversions

Conversions Part 1

Format	Color
Hex	BD60E6
RGB	189, 96, 230
RGB Percent	74%, 38%, 90%
CMY	0.2588, 0.6235, 0.0980
CMYK	0.18, 0.58, 0.00, 0.10
HSL	282°, 73%, 64%
HSV	282°, 58%, 90%
XYZ	39.4520, 24.8977, 77.5892
YIQ	139.0830, 12.4140, 61.3900

Conversions

Conversions Part 2

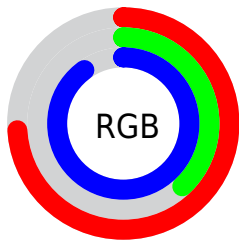
Format	Color
R _{YB}	189, 96, 230
Decimal	12411110
CIE _{Lab}	56.98, 58.42, -52.82
CIE _{LCh}	57, 78.760, 317.885
Yxy	24.8987, 0.2780, 0.1754
Android (android.graphics.Color)	4290601190 (0xFFBD60E6)
YUV	139.0830, 44.8221, 43.7772
Hunter-Lab	49.8976, 53.8120, -57.2658

Details

The HunterLab color $49.8976, 53.8120, -57.2658$ is a light color, and the websafe version is hex $CC66FF$. A complement of this color would be $79.2193, -46.8701, 39.7110$, and the grayscale version is $50.6694, -2.7036, 2.7530$.

A 20% lighter version of the original color is $70.2208, 49.5310, -35.7439$, and $30.8989, 49.6147, -56.9305$ is the 20% darker color. If you saturate the color by 10%, you get $45.1880, 62.9250, -69.2798$, and if you desaturate by 10%, it is $55.3613, 43.8748, -45.2943$.

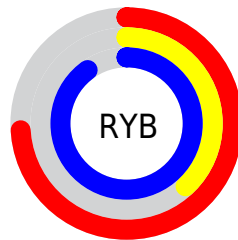
Distribution



Red (74%)

Green (38%)

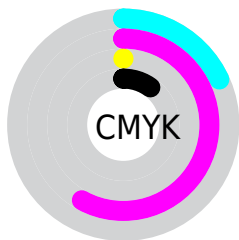
Blue (90%)



Red (74%)

Yellow (38%)

Blue (90%)

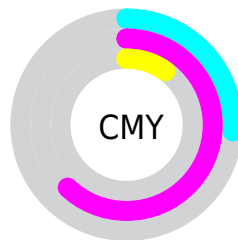


Cyan (18%)

Magenta (58%)

Yellow (0%)

Black (10%)



Cyan (26%)

Magenta (62%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8976, 53.8120, -57.2658 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 49.8976, 53.8120, -57.2658 by changing the saturation by 10% instead.

49.8976, 53.8120,
-57.2658

49.8976, 53.8120,
-57.2658

166.5332, 67.6253,
-63.6692

40.0020, 51.7927,
-56.8125

71.7585, 57.5519,
-58.6285

30.8631, 49.7035,
-56.7243

83.6413, 59.2673,
-59.3946

22.5508, 47.6130,
-57.3681

96.1160, 60.8828,
-60.1675

15.1573, 45.7200,
-59.6233

109.1558, 62.4028,
-60.9282

8.7884, 44.9154,
-66.3624

122.7371, 63.8323,
-61.6648

0.0000, INF, -NF

0.0000, NaN, -NF

136.8392, 65.1762,

-62.3699

0.0000, NaN, NaN

151.4435, 66.4391,
-63.0390

■ 49.8976, 53.8120,
-57.2658

■ 49.8976, 53.8120,
-57.2658

■ 45.1880, 62.9250,
-69.2798

■ 55.3613, 43.8748,
-45.2943

■ 41.3525, 70.4535,
-80.6220

■ 61.4553, 33.6317,
-33.7682

■ 38.4839, 75.5141,
-90.3022

■ 68.0758, 23.3760,
-22.8442

■ 36.5540, 77.6178,
-97.5437

■ 75.1373, 13.2515,
-12.5425

■ 36.2610, 77.8533,
-98.7015

■ 82.5718, 3.3138,
-2.8166

■ 90.3258, -6.4286,
6.4054

■ 97.7015, -14.9686,
14.5105

■ 98.3360, -12.7059,
15.2342

■ 98.9907, -10.3868,
15.9768

Harmonies

Analogous

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



49.8986, 18.4045, -95.9579



49.8976, 53.8120, -57.2658



49.8986, 75.9729, -11.7205

Triad

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



49.8986, 53.8110, -57.2639



49.8986, 11.3945, 33.0478



49.8986, -49.9080, -19.6620

Complementary

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



49.8976, 53.8120, -57.2658



79.2193, -46.8701, 39.7110

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.



49.8986, -50.8611, 13.8170



49.8976, 53.8120, -57.2658



49.8986, -20.7313, 32.8004

Square

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



49.8986, 53.8110, -57.2639



49.8986, 47.5419, 29.9780



49.8986, -41.6180, 28.6369



49.8986, -38.5506, -66.2191

Rectangle

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



49.8976, 53.8120, -57.2658



49.8986, 77.2391, 10.3227



49.8986, -41.6180, 28.6369



49.8986, -51.3240, -6.3157

Sweetspot

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



49.8986, 53.8110, -57.2639



85.4183, 13.5862, -12.7964



51.4806, 7.8901, -54.3595



38.7552, 7.3398, -6.9704

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.8986, 53.8110, -57.2639



49.7901, 72.7301, -80.7051



54.4227, 61.8289, -28.6057



37.9241, 2.0855, -1.8346



27.4063, 58.7357, -73.7748



7.7673, 16.3788, -18.8344

Inverse Universe

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



51.9574, 51.0710, 5.9022



53.0470, 68.5621, 9.8423



77.7501, -52.1597, 33.3071



38.0003, 1.8814, 1.8376



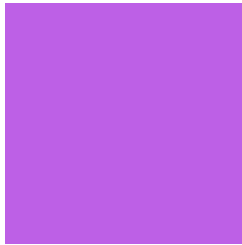
31.2992, 54.4703, 13.4846



8.6026, 15.1534, 2.2935

Previews

White Background



This preview shows how the HunterLab color 49.8976, 53.8120, -57.2658 looks on a white background.

Color Contrast Check

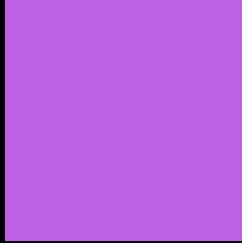
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.8976, 53.8120, -57.2658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

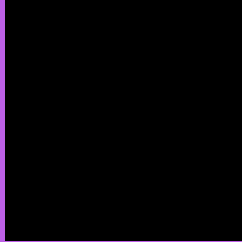
Any Text WCAG AA ✓ Pass

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 49.8976, 53.8120, -57.2658 Background



This preview shows how black text looks on a background with the HunterLab color 49.8976, 53.8120, -57.2658.



This preview shows how white text looks on a background with the HunterLab color 49.8976, 53.8120, -57.2658.

-57.2658.

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

49.8976, 53.8120, -57.2658

Protanopia

50.3714, 15.0066, -80.0574

Deuteranopia

50.0964, 4.5335, -50.8410



Tritanopia

49.8302, 15.6172, 5.0046

Trichromacy



Original Color

49.8976, 53.8120, -57.2658



Protanomaly

48.7151, 26.2170, -75.6384



Deuteranomaly

48.5451, 20.6439, -56.7264



Tritanomaly

49.2150, 28.3527, -13.8072

Monochromacy



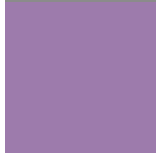
Original Color

49.8976, 53.8120, -57.2658



Achromatopsia

50.8117, -2.7112, 2.7607



Achromatomaly

49.3078, 16.6458, -16.2565

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8976, 53.8120, -57.2658 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(189, 96, 230)` looks like.

```
.text, #text, p{  
    color:rgb(189, 96, 230)  
}
```

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(189, 96, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 96, 230) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8976, 53.8120, -57.2658 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(189, 96, 230) }
```


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

```
.border{ border-color:rgb(189, 96, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 96, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 96, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 96, 230);  
box-shadow:4px 4px 4px 4px rgb(189, 96,  
230) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8976, 53.8120, -57.2658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 96, 230) }
```

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

```
.background{ background-color: rgb(189, 96,  
230) }
```

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