

Converting Colors

HunterLab(31.9513, 63.8685,
-85.5563)

Have a look what the booklet for
HunterLab(31.9513, 63.8685,
-85.5563) contains.

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Color

**HunterLab(31.8868, 63.6541,
-85.4580)**

Conversions

Conversions Part 1

Format	Color
Hex	8816CC
RGB	136, 22, 204
RGB Percent	53%, 9%, 80%
CMY	0.4667, 0.9137, 0.2000
CMYK	0.33, 0.89, 0.00, 0.20
HSL	278°, 81%, 44%
HSV	278°, 89%, 80%
XYZ	21.3393, 10.1677, 57.9646
YIQ	76.8340, 9.5220, 80.7700

Conversions

Conversions Part 2

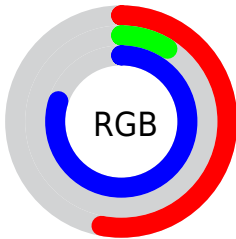
Format	Color
R_{YB}	136, 22, 204
Decimal	8918732
CIE Lab	38.14, 70.52, -68.74
CIE LCh	38, 98.484, 315.731
Yxy	10.1680, 0.2385, 0.1136
Android (android.graphics.Color)	4287108812 (0xFF8816CC)
YUV	76.8340, 62.6928, 51.8886
Hunter-Lab	31.8868, 63.6541, -85.4580

Details

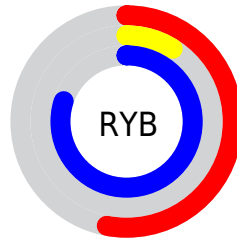
The HunterLab color **31.8868, 63.6541, -85.4580** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **67.3924, -49.1931, 39.9978**, and the grayscale version is **26.9629, -1.4387, 1.4649**.

A 20% lighter version of the original color is **50.6345, 66.3741, -78.4174**, and **19.2767, 44.1033, -73.5226** is the 20% darker color. If you saturate the color by 10%, you get **30.0220, 65.6371, -93.1705**, and if you desaturate by 10%, it is **34.5539, 59.2620, -75.6928**.

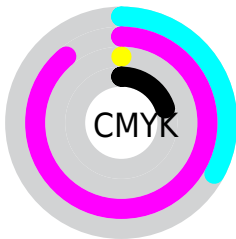
Distribution



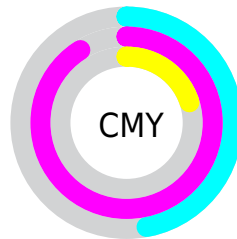
- Red (53%)
- Green (9%)
- Blue (80%)



- Red (53%)
- Yellow (9%)
- Blue (80%)



- Cyan (33%)
- Magenta (89%)
- Yellow (0%)
- Black (20%)



- Cyan (47%)
- Magenta (91%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.8868, 63.6541, -85.4580 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 31.8868, 63.6541, -85.4580 by changing the saturation by 10% instead.

31.8868, 63.6541,
-85.4580

31.8868, 63.6541,
-85.4580

138.5161, 82.0516,
-89.0848

23.4744, 61.4716,
-88.0467

51.0990, 68.2593,
-84.1892

15.9681, 59.7376,
-93.8390

61.7781, 70.4995,
-84.4421

9.4947, 59.4505,
-107.6186

73.1123, 72.6567,
-84.9748

0.0000, INF, -NF

0.0000, NaN, -NF

85.0656, 74.7217,
-85.6748

0.0000, NaN, -NF

97.6074, 76.6919,
-86.4729

0.0000, NaN, NaN

110.7115, 78.5685,

0.0000, NaN, NaN

-87.3251

124.3545, 80.3539,
-88.2022

■ 31.8868, 63.6541,
-85.4580

■ 31.8868, 63.6541,
-85.4580

■ 30.0220, 65.6371,
-93.1705

■ 34.5539, 59.2620,
-75.6928

■ 29.8865, 65.7685,
-93.7633

■ 38.0731, 52.8027,
-64.5770

■ 42.3491, 45.0871,
-53.0947

■ 47.2655, 36.7683,
-41.8917

■ 52.7132, 28.2597,
-31.2780

■ 58.6009, 19.7823,
-21.3428

■ 64.8558, 11.4358,
-12.0604

■ 71.4207, 3.2520,
-3.3580

■ 78.2514, -4.7705,
4.8503

Harmonies

Analogous

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



31.8873, 19.0719, -146.2193



31.8868, 63.6541, -85.4580



31.8873, 95.5232, -18.8606

Triad

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



31.8873, 63.6544, -85.4563



31.8873, 16.9948, 22.3211



31.8873, -44.4757, -21.4633

Complementary

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



31.8868, 63.6541, -85.4580



67.3924, -49.1931, 39.9978

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.



31.8873, -44.6344, 13.9805



31.8868, 63.6541, -85.4580



31.8873, -18.2289, 22.3211

Square

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



31.8873, 63.6544, -85.4563



31.8873, 61.5711, 22.3211



31.8873, -37.4198, 22.3211



31.8873, -36.8115, -89.0400

Rectangle

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



31.8868, 63.6541, -85.4580



31.8873, 99.0656, 7.5805



31.8873, -37.4198, 22.3211



31.8873, -45.2415, -5.4799

Sweetspot

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



31.8873, 63.6544, -85.4563



76.8795, 23.4417, -25.1789



34.8487, 16.0368, -75.4388



34.3146, 12.5791, -13.6239

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



31.8873, 63.6544, -85.4563



38.2957, 84.4353, -121.3972



41.0128, 74.9518, -37.9970



33.4458, 1.5941, -1.6467



23.8254, 52.3186, -73.8808



5.7901, 12.3605, -15.2102

Inverse Universe

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



37.6158, 62.4596, 9.0262



47.0012, 82.2594, 16.6632



65.9793, -54.9596, 37.6198



33.5885, 1.7120, 1.3582



29.0293, 50.9088, 9.4924



6.7033, 11.9644, 0.5731

Previews

White Background



This preview shows how the HunterLab color 31.8868, 63.6541, -85.4580 looks on a white background.

Color Contrast Check

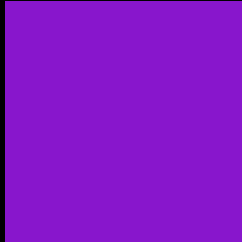
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 31.8868, 63.6541, -85.4580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

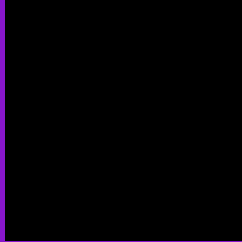
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 31.8868, 63.6541, -85.4580 Background



This preview shows how black text looks on a background with the HunterLab color 31.8868, 63.6541, -85.4580.



This preview shows how white text looks on a background with the HunterLab color 31.8868, 63.6541, -85.4580.

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

31.8868, 63.6541, -85.4580

Deuteranopia

32.1975, 0.5323, -41.3931

Tritanopia

31.9911, 9.7115, 2.7718

Trichromacy



Original Color

31.8868, 63.6541, -85.4580

Deuteranomaly

27.9318, 22.1200, -69.5884

Tritanomaly

30.0905, 29.2848, -22.5585

Monochromacy



Original Color

31.8868, 63.6541, -85.4580

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

26.3685, 22.0591, -25.5003

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.8868, 63.6541, -85.4580 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(136, 22, 204)` looks like.

```
.text, #text, p{  
    color:rgb(136, 22, 204)  
}
```

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(136, 22, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 22, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 31.8868, 63.6541, -85.4580 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(136, 22, 204) }
```

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

```
.border{ border-color:rgb(136, 22, 204) }
```

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

Here you see how a box with a 4 pixel rgb(136, 22, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 22, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 22, 204);  
box-shadow:4px 4px 4px 4px rgb(136, 22,  
204) }
```


Background

The CSS property to change the background color of an element to HunterLab 31.8868, 63.6541, -85.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 22, 204) }
```

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

```
.background{ background-color: rgb(136, 22,  
204) }
```

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](#).

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