

Converting Colors

HunterLab(30.0471, 64.7736,
-83.8150)

Have a look what the booklet for
HunterLab(30.0471, 64.7736,
-83.8150) contains.

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Color

**HunterLab(29.9534, 64.6015,
-83.7856)**

Conversions

Conversions Part 1

Format	Color
Hex	8500C4
RGB	133, 0, 196
RGB Percent	52%, 0%, 77%
CMY	0.4784, 1.0000, 0.2314
CMYK	0.32, 1.00, 0.00, 0.23
HSL	281°, 100%, 38%
HSV	281°, 100%, 77%
XYZ	19.6367, 8.9721, 52.9214
YIQ	62.1110, 16.3520, 89.1520

Conversions

Conversions Part 2

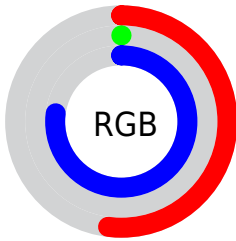
Format	Color
RYB	133, 0, 196
Decimal	8716484
CIELab	35.93, 71.75, -67.71
CIElCh	36, 98.653, 316.656
Yxy	8.9724, 0.2409, 0.1100
Android (android.graphics.Color)	4286906564 (0xFF8500C4)
YUV	62.1110, 66.0073, 62.1697
Hunter-Lab	29.9534, 64.6015, -83.7856

Details

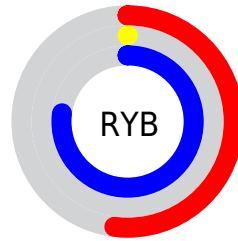
The HunterLab color **29.9534, 64.6015, -83.7856** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **63.6685, -50.3301, 38.3511**, and the grayscale version is **21.7619, -1.1612, 1.1824**.

A 20% lighter version of the original color is **48.7965, 69.5318, -82.6444**, and **18.3819, 41.9411, -69.2183** is the 20% darker color. If you saturate the color by 10%, you get **29.9537, 64.6019, -83.7846**, and if you desaturate by 10%, it is **31.6022, 62.7754, -77.4086**.

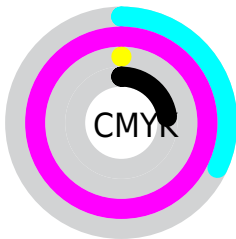
Distribution



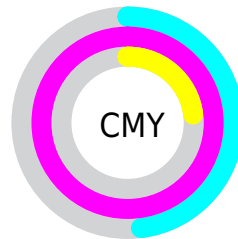
- Red (52%)
- Green (0%)
- Blue (77%)



- Red (52%)
- Yellow (0%)
- Blue (77%)



- Cyan (32%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)



- Cyan (48%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9534, 64.6015, -83.7856 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 29.9534, 64.6015, -83.7856 by changing the saturation by 10% instead.

29.9534, 64.6015,
-83.7856

29.9534, 64.6015,
-83.7856

135.3409, 83.4006,
-87.0826

21.7328, 62.4855,
-86.6906

48.8301, 69.2373,
-82.2974

14.4422, 60.9909,
-93.2749

59.3589, 71.5219,
-82.5102

8.1031, 62.8213,
-111.3489

70.5515, 73.7304,
-83.0195

0.0000, INF, -NF

0.0000, NaN, -NF

82.3707, 75.8497,
-83.7047

0.0000, NaN, -NF

94.7848, 77.8755,
-84.4925

0.0000, NaN, NaN

107.7666, 79.8078,

0.0000, NaN, NaN

-85.3365

121.2923, 81.6484,
-86.2066

29.9534, 64.6015,
-83.7856

29.9534, 64.6015,
-83.7856

29.9537, 64.6019,
-83.7846

31.6022, 62.7754,
-77.4086

33.9478, 58.7905,
-69.2632

37.0933, 52.7364,
-59.6961

40.9649, 45.3387,
-49.5506

45.4613, 37.2353,
-39.4458

■ 50.4823, 28.8602,
-29.7243

■ 55.9406, 20.4632,
-20.5232

■ 61.7650, 12.1676,
-11.8597

■ 67.8991, 4.0219,
-3.6935

Harmonies

Analogous

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



29.9539, 20.1950, -146.9915



29.9534, 64.6015, -83.7856



29.9539, 95.8227, -17.1907

Triad

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



29.9539, 64.6017, -83.7840



29.9539, 15.5385, 20.9677



29.9539, -42.6180, -23.0856

Complementary

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



29.9534, 64.6015, -83.7856



63.6685, -50.3301, 38.3511

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.



29.9539, -42.9498, 12.9491



29.9534, 64.6015, -83.7856



29.9539, -18.5288, 20.9677

Square

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



29.9539, 64.6017, -83.7840



29.9539, 59.8774, 20.9677



29.9539, -36.4766, 20.9677



29.9539, -35.1746, -92.0513

Rectangle

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



29.9534, 64.6015, -83.7856



29.9539, 98.6188, 8.1335



29.9539, -36.4766, 20.9677



29.9539, -43.3869, -6.7650

Sweetspot

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



29.9539, 64.6017, -83.7840



74.9342, 28.0733, -28.1907



27.9369, 26.9746, -93.1489



33.1870, 15.2236, -15.4613

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



29.9539, 64.6017, -83.7840



40.1355, 86.7218, -113.5093



37.9370, 71.9698, -29.7623



31.7490, 1.6304, -1.4818



24.1101, 51.9106, -66.7548



5.3563, 11.2385, -12.5518

Inverse Universe

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



34.7775, 60.5891, 14.4733



46.7639, 81.3860, 20.1293



62.9190, -53.3404, 36.5035



31.8278, 1.5266, 1.4847



27.9024, 48.6605, 11.2328



5.9092, 10.5151, 0.7527

Previews

White Background



This preview shows how the HunterLab color 29.9534, 64.6015, -83.7856 looks on a white background.

Color Contrast Check

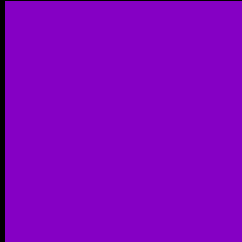
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 29.9534, 64.6015, -83.7856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

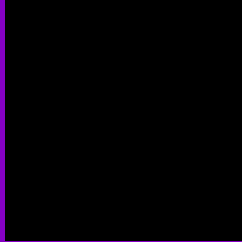
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 29.9534, 64.6015, -83.7856 Background



This preview shows how black text looks on a background with the HunterLab color 29.9534, 64.6015, -83.7856.



This preview shows how white text looks on a background with the HunterLab color 29.9534, 64.6015, -83.7856.

-83.7856.

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

29.9534, 64.6015, -83.7856

Protanopia

30.8463, 10.2873, -60.7625

Deuteranopia

30.7322, 0.3640, -39.1984



Tritanopia

30.7045, 10.1394, 3.6831

Trichromacy



Original Color

29.9534, 64.6015, -83.7856



Protanomaly

25.7590, 32.1436, -87.9416



Deuteranomaly

25.3362, 25.0117, -71.7897



Tritanomaly

27.6039, 32.0016, -22.6793

Monochromacy



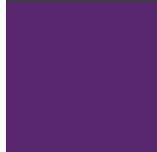
Original Color

29.9534, 64.6015, -83.7856



Achromatopsia

21.9481, -1.1711, 1.1925



Achromatomaly

21.6181, 25.0801, -27.4857

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9534, 64.6015, -83.7856 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(133, 0, 196)` looks like.

```
.text, #text, p{  
    color:rgb(133, 0, 196)  
}
```

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(133, 0, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 0, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 29.9534, 64.6015, -83.7856 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(133, 0, 196) }
```


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

```
.border{ border-color:rgb(133, 0, 196) }
```

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

Here you see how a box with a 4 pixel rgb(133, 0, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 0, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 0, 196);  
box-shadow:4px 4px 4px 4px rgb(133, 0,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.9534, 64.6015, -83.7856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 0, 196) }
```

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

```
.background{ background-color: rgb(133, 0,  
196) }
```

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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