

Converting Colors

HunterLab(30.9850, 67.1324,
-89.0445)

Have a look what the booklet for
HunterLab(30.9850, 67.1324,
-89.0445) contains.

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Color

**HunterLab(30.9740, 67.1186,
-89.0902)**

Conversions

Conversions Part 1

Format	Color
Hex	8800CC
RGB	136, 0, 204
RGB Percent	53%, 0%, 80%
CMY	0.4667, 1.0000, 0.2000
CMYK	0.33, 1.00, 0.00, 0.20
HSL	280°, 100%, 40%
HSV	280°, 100%, 80%
XYZ	21.0524, 9.5939, 57.8690
YIQ	63.9200, 15.5720, 92.2760

Conversions

Conversions Part 2

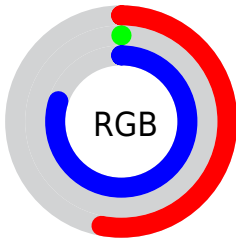
Format	Color
RYB	136, 0, 204
Decimal	8913100
CIELab	37.10, 73.63, -70.45
CIElCh	37, 101.901, 316.266
Yxy	9.5942, 0.2378, 0.1084
Android (android.graphics.Color)	4287103180 (0xFF8800CC)
YUV	63.9200, 69.0594, 63.2142
Hunter-Lab	30.9740, 67.1186, -89.0902

Details

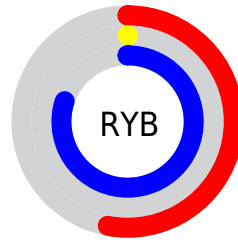
The HunterLab color **30.9740, 67.1186, -89.0902** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **66.6445, -52.4085, 40.1484**, and the grayscale version is **22.3791, -1.1941, 1.2159**.

A 20% lighter version of the original color is **49.5575, 69.6837, -81.4306**, and **19.1693, 43.9815, -74.0736** is the 20% darker color. If you saturate the color by 10%, you get **30.9743, 67.1191, -89.0892**, and if you desaturate by 10%, it is **32.7052, 65.2945, -82.2672**.

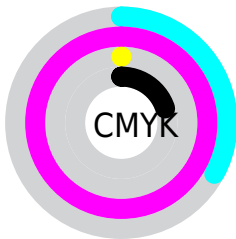
Distribution



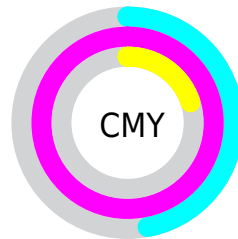
- Red (53%)
- Green (0%)
- Blue (80%)



- Red (53%)
- Yellow (0%)
- Blue (80%)



- Cyan (33%)
- Magenta (100%)
- Yellow (0%)
- Black (20%)



- Cyan (47%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.9740, 67.1186, -89.0902 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 30.9740, 67.1186, -89.0902 by changing the saturation by 10% instead.

30.9740, 67.1186,
-89.0902

30.9740, 67.1186,
-89.0902

137.0222, 86.2615,
-92.0004

22.6511, 64.9762,
-92.2207

50.0294, 71.8138,
-87.3358

15.2452, 63.4392,
-99.0937

60.6382, 74.1336,
-87.4777

8.8683, 64.0205,
-115.8322

71.9061, 76.3800,
-87.9428

0.0000, INF, -NF

0.0000, NaN, -NF

83.7966, 78.5395,
-88.6034

0.0000, NaN, -NF

96.2787, 80.6069,
-89.3814

0.0000, NaN, NaN

0.0000, NaN, NaN

109.3255, 82.5817,

-90.2270

122.9136, 84.4657,
-91.1074

■ 30.9740, 67.1186,
-89.0902

■ 30.9740, 67.1186,
-89.0902

■ 30.9743, 67.1191,
-89.0892

■ 32.7052, 65.2945,
-82.2672

■ 35.1828, 61.1579,
-73.5203

■ 38.5057, 54.8439,
-63.2753

■ 42.5938, 47.1277,
-52.4489

■ 47.3382, 38.6840,
-41.7033

■ 52.6323, 29.9673,
-31.3969

■ 58.3836, 21.2355,
-21.6664

■ 64.5173, 12.6140,
-12.5223

■ 70.9740, 4.1507,
-3.9160

Harmonies

Analogous

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



30.9745, 20.5568, -155.2689



30.9740, 67.1186, -89.0902



30.9745, 100.2567, -18.7224

Triad

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



30.9745, 67.1190, -89.0885



30.9745, 16.8319, 21.6821



30.9745, -44.3376, -23.4494

Complementary

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



30.9740, 67.1186, -89.0902



66.6445, -52.4085, 40.1484

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.



30.9745, -44.5984, 13.7176



30.9740, 67.1186, -89.0902



30.9745, -18.9632, 21.6821

Square

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



30.9745, 67.1190, -89.0885



30.9745, 63.3292, 21.6821



30.9745, -37.8029, 21.6821



30.9745, -36.7733, -95.7475

Rectangle

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



30.9740, 67.1186, -89.0902



30.9745, 103.5371, 8.1234



30.9745, -37.8029, 21.6821



30.9745, -45.1007, -6.5216

Sweetspot

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



30.9745, 67.1190, -89.0885



74.8336, 27.7663, -28.3587



29.1446, 28.4111, -97.7594



33.1326, 15.0623, -15.5569

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



30.9745, 67.1190, -89.0885



39.7069, 86.1819, -115.2916



39.6734, 75.2569, -31.0708



33.4801, 1.7100, -1.6007



24.6805, 53.3839, -70.2351



5.9553, 12.5755, -14.5779

Inverse Universe

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



36.4072, 63.4944, 14.6395



46.8143, 81.5719, 19.3909



65.8038, -55.8001, 38.2074



33.5773, 1.6519, 1.5177



28.9106, 50.4726, 11.2216



6.6727, 11.8531, 1.0107

Previews

White Background



This preview shows how the HunterLab color 30.9740, 67.1186, -89.0902 looks on a white background.

Color Contrast Check

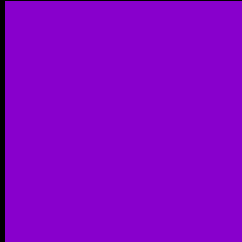
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9740, 67.1186, -89.0902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

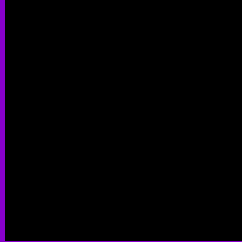
Any Text WCAG AA × Fail

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 30.9740, 67.1186, -89.0902 Background



This preview shows how black text looks on a background with the HunterLab color 30.9740, 67.1186, -89.0902.



This preview shows how white text looks on a background with the HunterLab color 30.9740, 67.1186, -89.0902.

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

30.9740, 67.1186, -89.0902

Protanopia

31.6749, 10.9047, -63.1309

Deuteranopia

31.7626, 0.1245, -39.9692



Tritanopia

31.6016, 9.5855, 3.1226

Trichromacy



Original Color

30.9740, 67.1186, -89.0902

Protanomaly

26.6515, 33.2419, -91.3691

Deuteranomaly

26.1474, 25.7211, -74.2395

Tritanomaly

28.4433, 32.8890, -25.1903

Monochromacy



Original Color

30.9740, 67.1186, -89.0902

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

22.3547, 25.5879, -28.7955

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.9740, 67.1186, -89.0902 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, 0, 204)` looks like.

```
.text, #text, p{  
    color:rgb(136, 0, 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, 0, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 0, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 30.9740, 67.1186, -89.0902 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, 0, 204) }
```


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

```
.border{ border-color:rgb(136, 0, 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, 0, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 0, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 0, 204);  
box-shadow:4px 4px 4px 4px rgb(136, 0,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.9740, 67.1186, -89.0902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 0, 204) }
```

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

```
.background{ background-color: rgb(136, 0,  
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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