

Converting Colors

HunterLab(49.6586, 86.7327,
-9.8530)

Have a look what the booklet for
HunterLab(49.6586, 86.7327,
-9.8530) contains.

HunterLab(49.6781, 86.6485, -9.7892)	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(49.6781, 86.6485,
-9.7892)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1AA4
RGB	255, 26, 164
RGB Percent	100%, 10%, 64%
CMY	0.0000, 0.8979, 0.3569
CMYK	0.00, 0.90, 0.36, 0.00
HSL	324°, 100%, 55%
HSV	324°, 90%, 100%
XYZ	48.3103, 24.6791, 37.3393
YIQ	110.2030, 92.1860, 91.4660

Conversions

Conversions Part 2

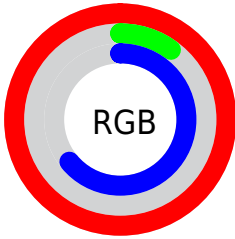
Format	Color
RYB	255, 26, 164
Decimal	16718500
CIELab	56.76, 85.40, -14.54
CIELCh	57, 86.626, 350.339
Yxy	24.6805, 0.4379, 0.2237
Android (android.graphics.Color)	4294908580 (0xFFFF1AA4)
YUV	110.2030, 26.5219, 126.9870
Hunter-Lab	49.6781, 86.6485, -9.7892

Details

The HunterLab color **49.6781, 86.6485, -9.7892** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **85.4547, -67.2472, 39.7963**, and the grayscale version is **39.4487, -2.1049, 2.1433**.

A 20% lighter version of the original color is **60.7370, 67.9395, -26.8059**, and **35.1800, 63.5720, -3.0442** is the 20% darker color. If you saturate the color by 10%, you get **48.5800, 87.9270, -5.7663**, and if you desaturate by 10%, it is **51.7064, 82.4690, -12.6916**.

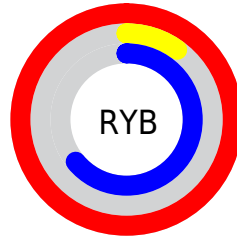
Distribution



Red (100%)

Green (10%)

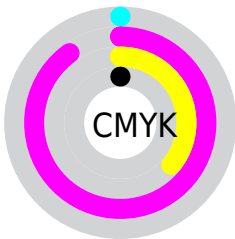
Blue (64%)



Red (100%)

Yellow (10%)

Blue (64%)

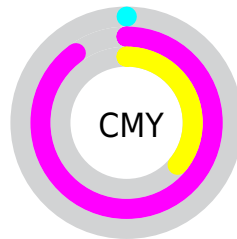


Cyan (0%)

Magenta (90%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (90%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6781, 86.6485, -9.7892 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 49.6781, 86.6485, -9.7892 by changing the saturation by 10% instead.

49.6781, 86.6485,
-9.7892

49.6781, 86.6485,
-9.7892

166.2056,
107.1382, -8.5075

39.7985, 84.1264,
-9.6424

71.5111, 91.7032,
-9.8756

30.6764, 81.7601,
-9.4228

83.3810, 94.1554,
-9.8286

22.3827, 79.8156,
-9.1254

95.8433, 96.5308,
-9.7268

15.0101, 78.9663,
-8.7553

108.8712, 98.8228,
-9.5738

8.6526, 81.8012,
-8.4531

122.4412,
101.0288, -9.3727

0.0000, INF, -NF

0.0000, INF, NaN

136.5324,

103.1490, -9.1264

0.0000, NaN, NaN

151.1261,
105.1847, -8.8373

0.0000, NaN, NaN

■ 49.6781, 86.6485,
-9.7892

■ 49.6781, 86.6485,
-9.7892

■ 48.5800, 87.9270,
-5.7663

■ 51.7064, 82.4690,
-12.6916

■ 48.5609, 87.9427,
-5.6802

■ 54.8125, 75.2951,
-14.1187

■ 58.9751, 65.7644,
-14.0594

■ 64.1030, 54.6914,
-12.6939

■ 70.0758, 42.7906,
-10.2790

76.7713, 30.5702,
-7.0661

84.0793, 18.3408,
-3.2629

91.9065, 6.2669,
0.9738

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



49.6795, 63.3535, -61.1318



49.6781, 86.6485, -9.7892



49.6795, 81.2558, 20.6969

Triad

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



49.6795, 86.6438, -9.7875



49.6795, -24.6718, 33.3704



49.6795, -39.8323, -80.4452

Complementary

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



49.6781, 86.6485, -9.7892



85.4547, -67.2472, 39.7963

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.



49.6795, -52.6434, -26.3722



49.6781, 86.6485, -9.7892



49.6795, -45.7965, 29.1649

Square

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



49.6795, 86.6438, -9.7875



49.6795, 9.6191, 33.7352



49.6795, -54.4575, 12.6117



49.6795, -13.8393, -117.4889

Rectangle

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



49.6781, 86.6485, -9.7892



49.6795, 62.5745, 29.3510



49.6795, -54.4575, 12.6117



49.6795, -45.4666, -62.3860

Sweetspot

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



49.6795, 86.6438, -9.7875



78.7543, 27.1476, -6.0561



33.9475, 73.8002, -143.0241



35.3163, 14.4964, -3.3705

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.6795, 86.6438, -9.7875



48.5609, 87.9427, -5.6802



47.1750, 77.2963, 26.2278



42.6274, 2.7403, 0.5092



35.1457, 63.7257, -4.7130



11.0646, 20.2375, -2.8424

Inverse Universe

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



49.6795, 86.6438, -9.7875



48.5609, 87.9427, -5.6802



87.9531, -51.9760, 3.6666



42.6274, 2.7403, 0.5092



35.1457, 63.7257, -4.7130



11.0646, 20.2375, -2.8424

Previews

White Background



This preview shows how the HunterLab color 49.6781, 86.6485, -9.7892 looks on a white background.

Color Contrast Check

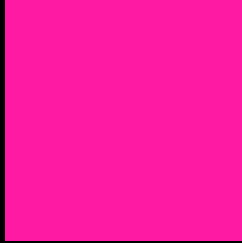
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.6781, 86.6485, -9.7892 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 49.6781, 86.6485, -9.7892 Background



This preview shows how black text looks on a background with the HunterLab color 49.6781, 86.6485, -9.7892.



This preview shows how white text looks on a background with the HunterLab color 49.6781, 86.6485, -9.7892.

-9.7892.

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

49.6781, 86.6485, -9.7892

Protanopia

50.2520, 10.3393, -58.0525

Deuteranopia

49.8254, 3.4165, -5.0996



Tritanopia

49.7282, 64.7094, 24.6676

Trichromacy



Original Color

49.6781, 86.6485, -9.7892



Protanomaly

44.1154, 38.0806, -51.4864



Deuteranomaly

45.2847, 37.4939, -13.2030



Tritanomaly

49.0666, 72.7701, 15.3594

Monochromacy



Original Color

49.6781, 86.6485, -9.7892



Achromatopsia

39.4875, -2.1070, 2.1454



Achromatomaly

38.7172, 33.3478, -7.8998

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6781, 86.6485, -9.7892 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(255, 26, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 26, 164)  
}
```

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(255, 26, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 164) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6781, 86.6485, -9.7892 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(255, 26, 164) }
```


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

```
.border{ border-color:rgb(255, 26, 164) }
```

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

Here you see how a box with a 4 pixel rgb(255, 26, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 26,  
164) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6781, 86.6485, -9.7892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 26, 164) }
```

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

```
.background{ background-color: rgb(255, 26,  
164) }
```

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