

Converting Colors

HunterLab(47.8314, 86.7998,
-6.9757)

Have a look what the booklet for
HunterLab(47.8314, 86.7998,
-6.9757) contains.

HunterLab(47.7936, 86.7295, -6.9571)	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(47.7936, 86.7295,
-6.9571)**

Conversions

Conversions Part 1

Format	Color
Hex	FB009A
RGB	251, 0, 154
RGB Percent	98%, 0%, 60%
CMY	0.0157, 0.9998, 0.3961
CMYK	0.00, 1.00, 0.39, 0.02
HSL	323°, 100%, 49%
HSV	323°, 100%, 98%
XYZ	45.6163, 22.8423, 32.5766
YIQ	92.6050, 100.1620, 101.1060

Conversions

Conversions Part 2

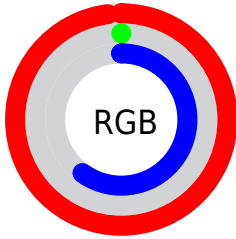
Format	Color
RYB	251, 0, 154
Decimal	16449690
CIELab	54.91, 85.82, -11.51
CIELCh	55, 86.588, 352.364
Yxy	22.8436, 0.4515, 0.2261
Android (android.graphics.Color)	4294639770 (0xFFFB009A)
YUV	92.6050, 30.2677, 138.9124
Hunter-Lab	47.7936, 86.7295, -6.9571

Details

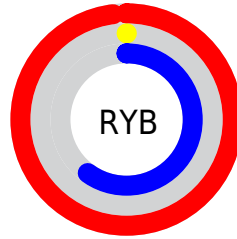
The HunterLab color **47.7936, 86.7295, -6.9571** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **83.5816, -67.9789, 42.2797**, and the grayscale version is **32.8164, -1.7510, 1.7830**.

A 20% lighter version of the original color is **59.1003, 69.2819, -22.2359**, and **34.1623, 61.3705, -0.1453** is the 20% darker color. If you saturate the color by 10%, you get **47.7928, 86.7266, -6.9459**, and if you desaturate by 10%, it is **48.8681, 85.4583, -10.8332**.

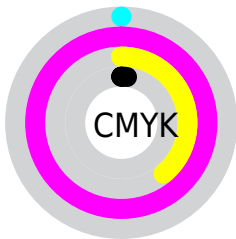
Distribution



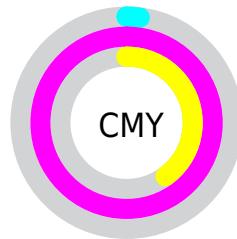
- Red (98%)
- Green (0%)
- Blue (60%)



- Red (98%)
- Yellow (0%)
- Blue (60%)



- Cyan (0%)
- Magenta (100%)
- Yellow (39%)
- Black (2%)



- Cyan (2%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7936, 86.7295, -6.9571 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 47.7936, 86.7295, -6.9571 by changing the saturation by 10% instead.

47.7936, 86.7295,
-6.9571

47.7936, 86.7295,
-6.9571

163.3771,
107.4227, -4.7815

38.0500, 84.2202,
-6.9196

69.3804, 91.8077,
-6.8290

29.0756, 81.9074,
-6.8086

81.1372, 94.2821,
-6.6780

20.9446, 80.1079,
-6.6149

93.4919, 96.6825,
-6.4745

13.7556, 79.6467,
-6.3340

106.4170, 99.0008,
-6.2223

7.3734, 87.3724,
-6.6119

119.8882,
101.2337, -5.9243

0.0000, INF, -NF

0.0000, INF, NaN

133.8843,

103.3807, -5.5833

0.0000, NaN, NaN

148.3863,
105.4430, -5.2017

0.0000, NaN, NaN

■ 47.7936, 86.7295,
-6.9571

■ 47.7936, 86.7295,
-6.9571

■ 47.7928, 86.7266,
-6.9459

■ 48.8681, 85.4583,
-10.8332

■ 50.8385, 81.3831,
-13.5963

■ 53.8643, 74.3561,
-14.8840

■ 57.9256, 65.0005,
-14.6949

■ 62.9342, 54.1140,
-13.2141

■ 68.7731, 42.4006,
-10.7007

■ 75.3228, 30.3636,
-7.4060

■ 82.4753, 18.3120,
-3.5368

■ 90.1388, 6.4105,
0.7516

Harmonies

Analogous

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



47.7950, 65.1802, -57.2396



47.7936, 86.7295, -6.9571



47.7950, 79.3340, 21.4273

Triad

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



47.7950, 86.7247, -6.9554



47.7950, -26.0492, 32.1891



47.7950, -37.7754, -83.8732

Complementary

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



47.7936, 86.7295, -6.9571



83.5816, -67.9789, 42.2797

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.



47.7950, -51.0460, -29.6673



47.7936, 86.7295, -6.9571



47.7950, -45.7993, 27.8166

Square

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



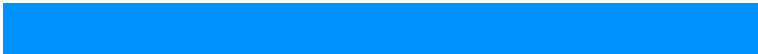
47.7950, 86.7247, -6.9554



47.7950, 6.9540, 32.6886



47.7950, -53.4734, 10.5189



47.7950, -11.3701, -118.6559

Rectangle

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



47.7936, 86.7295, -6.9571



47.7950, 59.7697, 29.0484



47.7950, -53.4734, 10.5189



47.7950, -43.5581, -66.0082

Sweetspot

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



47.7950, 86.7247, -6.9554



76.6550, 30.9744, -7.5583



30.7683, 75.3171, -155.5913



34.1254, 16.7301, -4.1892

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.7950, 86.7247, -6.9554



48.6569, 88.2894, -7.0317



45.3882, 77.9204, 27.7851



41.7183, 2.6920, 0.4457



34.6927, 63.0307, -5.6315



10.6558, 19.5342, -3.0813

Inverse Universe

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



47.7950, 86.7247, -6.9554



48.6569, 88.2894, -7.0317



86.1706, -52.1019, 4.7699



41.7183, 2.6920, 0.4457



34.6927, 63.0307, -5.6315



10.6558, 19.5342, -3.0813

Previews

White Background



This preview shows how the HunterLab color 47.7936, 86.7295, -6.9571 looks on a white background.

Color Contrast Check

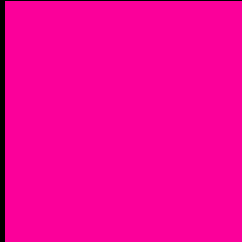
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.7936, 86.7295, -6.9571 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 47.7936, 86.7295, -6.9571 Background



This preview shows how black text looks on a background with the HunterLab color 47.7936, 86.7295, -6.9571.



This preview shows how white text looks on a background with the HunterLab color 47.7936, 86.7295, -6.9571.

-6.9571.

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

47.7936, 86.7295, -6.9571

Protanopia

48.6544, 9.7196, -53.2091

Deuteranopia

48.3181, 3.3398, -2.0557



Tritanopia

48.2589, 65.6146, 25.1080

Trichromacy



Original Color

47.7936, 86.7295, -6.9571



Protanomaly

41.1013, 41.5111, -50.1464



Deuteranomaly

42.3851, 40.9648, -11.7787



Tritanomaly

47.1721, 74.6683, 16.4653

Monochromacy



Original Color

47.7936, 86.7295, -6.9571



Achromatopsia

33.0850, -1.7653, 1.7976



Achromatomaly

32.9390, 35.7614, -8.2724

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7936, 86.7295, -6.9571 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(251, 0, 154)` looks like.

```
.text, #text, p{  
    color:rgb(251, 0, 154)  
}
```

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(251, 0, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 0, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7936, 86.7295, -6.9571 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(251, 0, 154) }
```


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

```
.border{ border-color:rgb(251, 0, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 0, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 0, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 0, 154);  
box-shadow:4px 4px 4px 4px rgb(251, 0,  
154) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.7936, 86.7295, -6.9571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 0, 154) }
```

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

```
.background{ background-color: rgb(251, 0,  
154) }
```

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