

Converting Colors

HunterLab(49.6737, 85.0483,
-6.3083)

Have a look what the booklet for
HunterLab(49.6737, 85.0483,
-6.3083) contains.

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Color

**HunterLab(49.7077, 85.0254,
-6.4653)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1F9E
RGB	255, 31, 158
RGB Percent	100%, 12%, 62%
CMY	0.0000, 0.8783, 0.3804
CMYK	0.00, 0.88, 0.38, 0.00
HSL	326°, 100%, 56%
HSV	326°, 88%, 100%
XYZ	47.9015, 24.7086, 34.5922
YIQ	112.4540, 92.7370, 86.9850

Conversions

Conversions Part 2

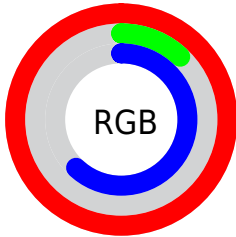
Format	Color
R_{YB}	255, 31, 158
Decimal	16719774
CIE _{Lab}	56.79, 84.14, -10.97
CIE _{LCh}	57, 84.856, 352.574
Yxy	24.7100, 0.4468, 0.2305
Android (android.graphics.Color)	4294909854 (0xFFFF1F9E)
YUV	112.4540, 22.4542, 125.0128
Hunter-Lab	49.7077, 85.0254, -6.4653

Details

The HunterLab color **49.7077, 85.0254, -6.4653** 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 **85.6568, -66.0770, 37.4825**, and the grayscale version is **40.3240, -2.1516, 2.1909**.

A 20% lighter version of the original color is **60.8288, 65.8583, -22.7230**, and **35.0257, 63.0132, -0.8603** is the 20% darker color. If you saturate the color by 10%, you get **48.4615, 86.6995, -2.3703**, and if you desaturate by 10%, it is **51.9671, 80.2693, -9.4230**.

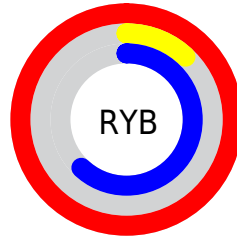
Distribution



Red (100%)

Green (12%)

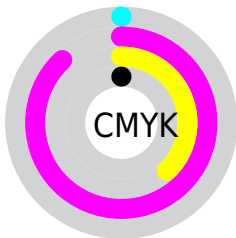
Blue (62%)



Red (100%)

Yellow (12%)

Blue (62%)

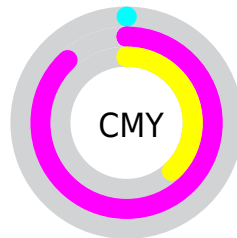


Cyan (0%)

Magenta (88%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (88%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7077, 85.0254, -6.4653 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 49.7077, 85.0254, -6.4653 by changing the saturation by 10% instead.

49.7077, 85.0254,
-6.4653

49.7077, 85.0254,
-6.4653

166.2499,
105.2451, -4.0296

39.8260, 82.5148,
-6.4641

71.5446, 90.0344,
-6.2702

30.7017, 80.1451,
-6.3912

83.4162, 92.4579,
-6.0881

22.4054, 78.1693,
-6.2371

95.8802, 94.8026,
-5.8549

15.0300, 77.2299,
-5.9946

108.9097, 97.0626,
-5.5742

8.6711, 79.7883,
-5.7478

122.4812, 99.2358,
-5.2489

0.0000, INF, -NF

0.0000, INF, NaN

136.5738,

101.3227, -4.8815

0.0000, NaN, NaN

151.1690,
103.3251, -4.4745

0.0000, NaN, NaN

■ 49.7077, 85.0254,
-6.4653

■ 49.7077, 85.0254,
-6.4653

■ 48.4615, 86.6995,
-2.3703

■ 51.9671, 80.2693,
-9.4230

■ 48.2606, 86.8558,
-1.4351

■ 55.3149, 72.6358,
-10.9768

■ 59.7100, 62.8303,
-11.1258

■ 65.0498, 51.6632,
-10.0407

■ 71.2102, 39.8064,
-7.9582

78.0692, 27.7188,
-5.1081

85.5193, 15.6710,
-1.6809

93.4703, 3.8006,
2.1784

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.



49.7091, 64.1912, -55.3342



49.7077, 85.0254, -6.4653



49.7091, 77.6209, 21.7687

Triad

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



49.7091, 85.0206, -6.4636



49.7091, -26.2895, 33.0949



49.7091, -37.7795, -81.7093

Complementary

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



49.7077, 85.0254, -6.4653



85.6568, -66.0770, 37.4825

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.



49.7091, -51.3733, -29.3279



49.7077, 85.0254, -6.4653



49.7091, -46.1595, 28.2360

Square

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



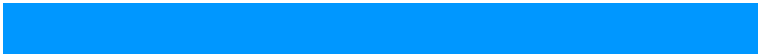
49.7091, 85.0206, -6.4636



49.7091, 6.5015, 33.6479



49.7091, -53.9371, 10.4049



49.7091, -11.1933, -114.7867

Rectangle

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



49.7077, 85.0254, -6.4653



49.7091, 58.4361, 29.6707



49.7091, -53.9371, 10.4049



49.7091, -43.6749, -64.5470

Sweetspot

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



49.7091, 85.0206, -6.4636



79.3933, 25.5023, -4.5183



35.3730, 73.8576, -135.4859



35.5809, 13.7374, -2.5986

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.7091, 85.0206, -6.4636



48.2606, 86.8558, -1.4351



47.4014, 76.3358, 26.8141



42.6141, 2.6693, 0.6977



34.9293, 62.9429, -1.6575



10.9994, 20.0026, -1.9297

Inverse Universe

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



49.7091, 85.0206, -6.4636



48.2606, 86.8558, -1.4351



88.2538, -50.2512, 0.0171



42.6141, 2.6693, 0.6977



34.9293, 62.9429, -1.6575



10.9994, 20.0026, -1.9297

Previews

White Background



This preview shows how the HunterLab color 49.7077, 85.0254, -6.4653 looks on a white background.

Color Contrast Check

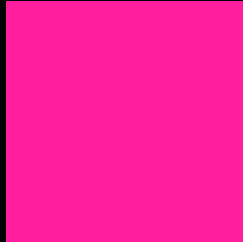
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.7077, 85.0254, -6.4653 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 49.7077, 85.0254, -6.4653 Background



This preview shows how black text looks on a background with the HunterLab color 49.7077, 85.0254, -6.4653.



This preview shows how white text looks on a background with the HunterLab color 49.7077, 85.0254, -6.4653.

-6.4653.

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

49.7077, 85.0254, -6.4653

Protanopia

50.1487, 9.0182, -50.6451

Deuteranopia

49.9013, 3.2835, -1.9909



Tritanopia

49.7800, 65.4131, 24.9181

Trichromacy



Original Color

49.7077, 85.0254, -6.4653



Protanomaly

44.6565, 36.5065, -43.5827



Deuteranomaly

45.7323, 36.1903, -9.1444



Tritanomaly

49.2880, 72.5964, 16.5207

Monochromacy



Original Color

49.7077, 85.0254, -6.4653



Achromatopsia

40.2529, -2.1478, 2.1870



Achromatomaly

39.5778, 31.6099, -6.1721

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7077, 85.0254, -6.4653 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, 31, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 31, 158)  
}
```

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, 31, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 31, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7077, 85.0254, -6.4653 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, 31, 158) }
```


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

```
.border{ border-color:rgb(255, 31, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 31, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 31, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 31, 158); box-shadow:4px 4px 4px 4px rgb(255, 31, 158) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7077, 85.0254, -6.4653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 31, 158) }
```

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

```
.background{ background-color: rgb(255, 31,  
158) }
```

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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