

Converting Colors

HunterLab(48.7449, 88.6071,
-8.2685)

Have a look what the booklet for
HunterLab(48.7449, 88.6071,
-8.2685) contains.

HunterLab(48.7475, 88.6165, -8.3053)	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(48.7475, 88.6165,
-8.3053)**

Conversions

Conversions Part 1

Format	Color
Hex	FF009F
RGB	255, 0, 159
RGB Percent	100%, 0%, 62%
CMY	0.0000, 0.9998, 0.3765
CMYK	0.00, 1.00, 0.38, 0.00
HSL	323°, 100%, 50%
HSV	323°, 100%, 100%
XYZ	47.4980, 23.7632, 34.8842
YIQ	94.3710, 100.9410, 103.5090

Conversions

Conversions Part 2

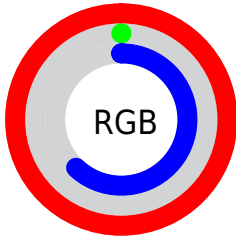
Format	Color
RYB	255, 0, 159
Decimal	16711839
CIELab	55.85, 87.08, -12.97
CIElCh	56, 88.038, 351.527
Yxy	23.7645, 0.4475, 0.2239
Android (android.graphics.Color)	4294901919 (0xFFFF009F)
YUV	94.3710, 31.8621, 140.8716
Hunter-Lab	48.7475, 88.6165, -8.3053

Details

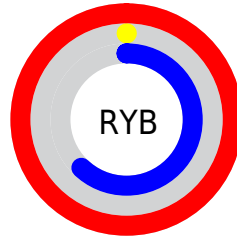
The HunterLab color **48.7475, 88.6165, -8.3053** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **85.0682, -69.3958, 43.4805**, and the grayscale version is **33.4662, -1.7857, 1.8183**.

A 20% lighter version of the original color is **59.5167, 69.8907, -25.4785**, and **35.0559, 63.1228, -1.2887** is the 20% darker color. If you saturate the color by 10%, you get **48.7467, 88.6135, -8.2938**, and if you desaturate by 10%, it is **49.8289, 87.3411, -12.1974**.

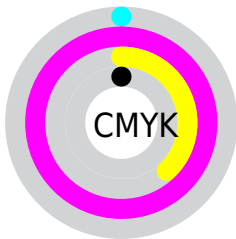
Distribution



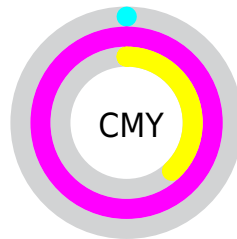
- Red (100%)
- Green (0%)
- Blue (62%)



- Red (100%)
- Yellow (0%)
- Blue (62%)



- Cyan (0%)
- Magenta (100%)
- Yellow (38%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7475, 88.6165, -8.3053 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 48.7475, 88.6165, -8.3053 by changing the saturation by 10% instead.

48.7475, 88.6165,
-8.3053

48.7475, 88.6165,
-8.3053

164.8114,
109.5137, -6.5665

38.9346, 86.0890,
-8.2137

70.4597, 93.7331,
-8.2826

29.8849, 83.7552,
-8.0487

82.2740, 96.2286,
-8.1825

21.6709, 81.9210,
-7.8028

94.6835, 98.6514,
-8.0287

14.3881, 81.3681,
-7.4760

107.6609,
100.9929, -7.8249

8.0484, 86.3513,
-7.3912

121.1824,
103.2498, -7.5742

0.0000, INF, -NF

0.0000, INF, NaN

135.2268,

105.4213, -7.2793

0.0000, NaN, NaN

149.7755,
107.5087, -6.9427

0.0000, NaN, NaN

■ 48.7475, 88.6165,
-8.3053

■ 48.7475, 88.6165,
-8.3053

■ 48.7467, 88.6135,
-8.2938

■ 49.8289, 87.3411,
-12.1974

■ 51.8224, 83.1970,
-14.9231

■ 54.8901, 76.0347,
-16.1190

■ 59.0127, 66.4857,
-15.7918

■ 64.1014, 55.3641,
-14.1394

70.0375, 43.3904,
-11.4332

76.6993, 31.0815,
-7.9345

83.9767, 18.7552,
-3.8565

91.7760, 6.5816,
0.6413

Harmonies

Analogous

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



48.7489, 65.8172, -60.2654



48.7475, 88.6165, -8.3053



48.7489, 81.8880, 21.4115

Triad

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



48.7489, 88.6116, -8.3036



48.7489, -25.8792, 32.8992



48.7489, -39.1818, -84.5223

Complementary

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



48.7475, 88.6165, -8.3053



85.0682, -69.3958, 43.4805

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.



48.7489, -52.3950, -28.9450



48.7475, 88.6165, -8.3053



48.7489, -46.4460, 28.6604

Square

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



48.7489, 88.6116, -8.3036



48.7489, 8.2298, 33.3404



48.7489, -54.5898, 11.5404



48.7489, -12.5668, -121.2863

Rectangle

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



48.7475, 88.6165, -8.3053



48.7489, 62.2340, 29.4695



48.7489, -54.5898, 11.5404



48.7489, -44.9670, -66.0786

Sweetspot

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



48.7489, 88.6116, -8.3036



76.6823, 31.1116, -7.9438



30.9463, 76.3153, -160.8538



34.1401, 16.8022, -4.3951

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.7489, 88.6116, -8.3036



48.7467, 88.6135, -8.2938



46.2354, 79.4225, 27.9346



42.6352, 2.7820, 0.3985



35.2793, 64.2080, -6.5912



11.1045, 20.3807, -3.3978

Inverse Universe

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



48.7489, 88.6116, -8.3036



48.7467, 88.6135, -8.2938



87.6021, -53.8412, 6.7352



42.6352, 2.7820, 0.3985



35.2793, 64.2080, -6.5912



11.1045, 20.3807, -3.3978

Previews

White Background



This preview shows how the HunterLab color 48.7475, 88.6165, -8.3053 looks on a white background.

Color Contrast Check

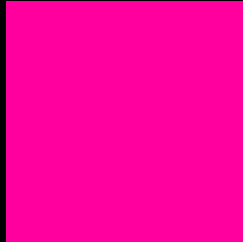
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.7475, 88.6165, -8.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

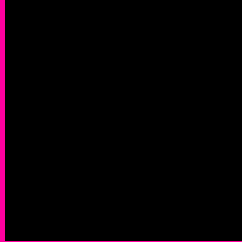
Any Text WCAG AA ✓ Pass

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 48.7475, 88.6165, -8.3053 Background



This preview shows how black text looks on a background with the HunterLab color 48.7475, 88.6165, -8.3053.



This preview shows how white text looks on a background with the HunterLab color 48.7475, 88.6165, -8.3053.

-8.3053.

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

48.7475, 88.6165, -8.3053

Protanopia

49.5347, 10.5166, -57.1467

Deuteranopia

49.1136, 3.5196, -3.4969



Tritanopia

49.0677, 66.1876, 25.3511

Trichromacy



Original Color

48.7475, 88.6165, -8.3053



Protanomaly

41.7430, 42.7771, -53.7795



Deuteranomaly

43.0358, 42.0228, -13.6712



Tritanomaly

47.8828, 75.7368, 16.2145

Monochromacy



Original Color

48.7475, 88.6165, -8.3053



Achromatopsia

33.4563, -1.7851, 1.8177



Achromatomaly

33.6334, 36.7925, -8.8453

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.7475, 88.6165, -8.3053 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, 0, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 159)  
}
```

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, 0, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 159) }
```

Border

The CSS property to change the border of an element to HunterLab 48.7475, 88.6165, -8.3053 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, 0, 159) }
```


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

```
.border{ border-color:rgb(255, 0, 159) }
```

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

Here you see how a box with a 4 pixel rgb(255, 0, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
159) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.7475, 88.6165, -8.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 159) }
```

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

```
.background{ background-color: rgb(255, 0,  
159) }
```

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