

Converting Colors

HunterLab(48.0156, 85.9652,
2.0509)

Have a look what the booklet for
HunterLab(48.0156, 85.9652,
2.0509) contains.

HunterLab(48.0272, 86.0086, 1.8829)	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(48.0272, 86.0086,
1.8829)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0089
RGB	255, 0, 137
RGB Percent	100%, 0%, 54%
CMY	0.0000, 0.9997, 0.4627
CMYK	0.00, 1.00, 0.46, 0.00
HSL	328°, 100%, 50%
HSV	328°, 100%, 100%
XYZ	45.7553, 23.0661, 25.7075
YIQ	91.8630, 108.0030, 96.6670

Conversions

Conversions Part 2

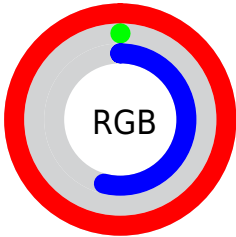
Format	Color
R_{YB}	255, 0, 137
Decimal	16711817
CIE Lab	55.14, 85.22, -0.96
CIE LCh	55, 85.228, 359.358
Yxy	23.0675, 0.4840, 0.2440
Android (android.graphics.Color)	4294901897 (0xFFFF0089)
YUV	91.8630, 22.2525, 143.0711
Hunter-Lab	48.0272, 86.0086, 1.8829

Details

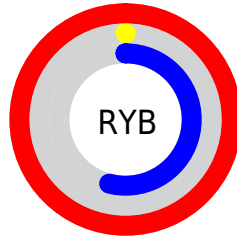
The HunterLab color **48.0272, 86.0086, 1.8829** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **85.3403, -67.7000, 39.4795**, and the grayscale version is **32.5693, -1.7378, 1.7696**.

A 20% lighter version of the original color is **58.3884, 66.2411, -12.3291**, and **34.3234, 60.8326, 6.2667** is the 20% darker color. If you saturate the color by 10%, you get **48.0263, 86.0053, 1.8955**, and if you desaturate by 10%, it is **49.1358, 84.7856, -2.4489**.

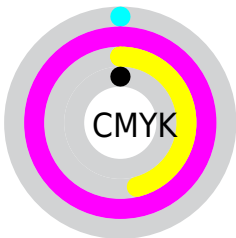
Distribution



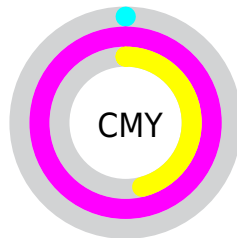
- Red (100%)
- Green (0%)
- Blue (54%)



- Red (100%)
- Yellow (0%)
- Blue (54%)



- Cyan (0%)
- Magenta (100%)
- Yellow (46%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.0272, 86.0086, 1.8829 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 48.0272, 86.0086, 1.8829 by changing the saturation by 10% instead.

48.0272, 86.0086,
1.8829

48.0272, 86.0086,
1.8829

163.7289,
106.5620, 7.8184

38.2666, 83.5010,
1.4054

69.6449, 91.0652,
2.9662

29.2736, 81.1778,
0.9727

81.4158, 93.5247,
3.5634

21.1221, 79.3424,
0.5915

93.7841, 95.9091,
4.1951

13.9100, 78.7838,
0.2694

106.7220, 98.2104,
4.8597

7.5447, 85.4599,
-0.1140

120.2056,
100.4259, 5.5556

0.0000, INF, NaN

0.0000, INF, NaN

134.2136,

102.5553, 6.2814

0.0000, NaN, NaN

148.7270,
104.6000, 7.0361

0.0000, NaN, NaN

■ 48.0272, 86.0086,
1.8829

■ 48.0272, 86.0086,
1.8829

■ 48.0263, 86.0053,
1.8955

■ 49.1358, 84.7856,
-2.4489

■ 51.1787, 80.7277,
-5.9022

■ 54.3151, 73.7014,
-8.0708

■ 58.5192, 64.3550,
-8.8769

■ 63.6955, 53.5041,
-8.4352

■ 69.7199, 41.8572,
-6.9537

■ 76.4677, 29.9128,
-4.6531

■ 83.8271, 17.9716,
-1.7257

■ 91.7040, 6.1904,
1.6774

Harmonies

Analogous

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



48.0286, 70.9828, -43.3697



48.0272, 86.0086, 1.8829



48.0286, 72.1548, 24.7325

Triad

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



48.0286, 86.0034, 1.8844



48.0286, -31.5423, 31.7179



48.0286, -32.5200, -92.8601

Complementary

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



48.0272, 86.0086, 1.8829



85.3403, -67.7000, 39.4795

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.



48.0286, -48.5957, -41.0922



48.0272, 86.0086, 1.8829



48.0286, -48.1567, 25.2668

Square

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



48.0286, 86.0034, 1.8844



48.0286, -1.8015, 32.7699



48.0286, -53.3714, 3.3330



48.0286, -3.3243, -117.3160

Rectangle

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



48.0272, 86.0086, 1.8829



48.0286, 50.1823, 30.3439



48.0286, -53.3714, 3.3330



48.0286, -39.2907, -76.8291

Sweetspot

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



48.0286, 86.0034, 1.8844



76.4499, 29.9433, -4.6598



32.9419, 78.3197, -148.6080



34.0160, 16.1891, -2.6444

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.0286, 86.0034, 1.8844



48.0263, 86.0054, 1.8955



46.1410, 79.0719, 29.3350



42.6031, 2.6102, 0.8545



34.7601, 62.3291, 0.7448



10.9477, 19.8160, -1.2029

Inverse Universe

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



48.0286, 86.0034, 1.8844



48.0263, 86.0054, 1.8955



88.2871, -49.7206, -3.0160



42.6031, 2.6102, 0.8545



34.7601, 62.3291, 0.7448



10.9477, 19.8160, -1.2029

Previews

White Background



This preview shows how the HunterLab color 48.0272, 86.0086, 1.8829 looks on a white background.

Color Contrast Check

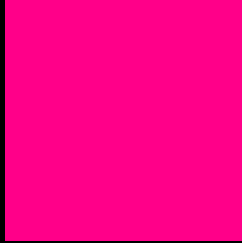
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.0272, 86.0086, 1.8829 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 48.0272, 86.0086, 1.8829 Background



This preview shows how black text looks on a background with the HunterLab color 48.0272, 86.0086, 1.8829.



This preview shows how white text looks on a background with the HunterLab color 48.0272, 86.0086, 1.8829.

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

48.0272, 86.0086, 1.8829

Protanopia

48.6244, 5.7640, -34.3469

Deuteranopia

48.5762, 3.2220, 5.8966



Tritanopia

48.3977, 69.4423, 26.6103

Trichromacy



Original Color

48.0272, 86.0086, 1.8829



Protanomaly

41.3137, 39.7576, -32.0514



Deuteranomaly

42.8225, 40.8813, -2.1378



Tritanomaly

47.4293, 76.4077, 19.8198

Monochromacy



Original Color

48.0272, 86.0086, 1.8829



Achromatopsia

32.7144, -1.7456, 1.7774



Achromatomaly

32.8481, 35.0764, -4.7530

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.0272, 86.0086, 1.8829 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, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 137)  
}
```

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, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 48.0272, 86.0086, 1.8829 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, 137) }
```


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

```
.border{ border-color:rgb(255, 0, 137) }
```

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, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.0272, 86.0086, 1.8829 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, 137) }
```

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

```
.background{ background-color: rgb(255, 0,  
137) }
```

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