

Converting Colors

HunterLab(45.0494, 91.6453,
-4.7965)

Have a look what the booklet for
HunterLab(45.0494, 91.6453,
-4.7965) contains.

HunterLab(47.0350, 84.7651, -2.2907)	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(47.0350, 84.7651,
-2.2907)**

Conversions

Conversions Part 1

Format	Color
Hex	F9008F
RGB	249, 0, 143
RGB Percent	98%, 0%, 56%
CMY	0.0235, 0.9998, 0.4392
CMYK	0.00, 1.00, 0.43, 0.02
HSL	326°, 100%, 49%
HSV	326°, 100%, 98%
XYZ	44.0249, 22.1229, 27.9364
YIQ	90.7530, 102.5010, 97.2610

Conversions

Conversions Part 2

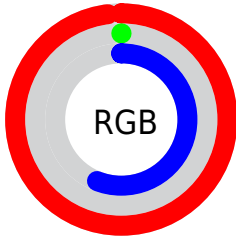
Format	Color
R_{YB}	249, 0, 143
Decimal	16318607
CIE _{Lab}	54.16, 84.46, -6.12
CIE _{LCh}	54, 84.678, 355.853
Yxy	22.1242, 0.4679, 0.2351
Android (android.graphics.Color)	4294508687 (0xFFFF9008F)
YUV	90.7530, 25.7578, 138.7826
Hunter-Lab	47.0350, 84.7651, -2.2907

Details

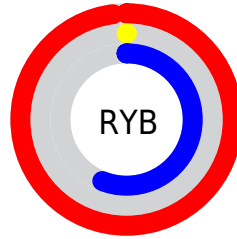
The HunterLab color **47.0350, 84.7651, -2.2907** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark saturated rose. A complement of this color would be **82.9419, -66.6370, 40.1828**, and the grayscale version is **32.1471, -1.7153, 1.7466**.

A 20% lighter version of the original color is **58.4935, 67.8554, -16.3113**, and **33.5103, 59.7458, 3.3721** is the 20% darker color. If you saturate the color by 10%, you get **47.0341, 84.7621, -2.2791**, and if you desaturate by 10%, it is **48.1177, 83.5197, -6.3448**.

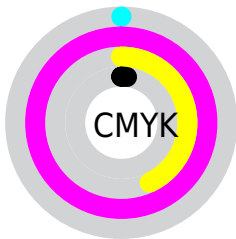
Distribution



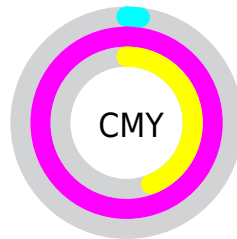
- Red (98%)
- Green (0%)
- Blue (56%)



- Red (98%)
- Yellow (0%)
- Blue (56%)



- Cyan (0%)
- Magenta (100%)
- Yellow (43%)
- Black (2%)



- Cyan (2%)
- Magenta (100%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.0350, 84.7651, -2.2907 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 47.0350, 84.7651, -2.2907 by changing the saturation by 10% instead.

47.0350, 84.7651,
-2.2907

47.0350, 84.7651,
-2.2907

162.2326,
105.2181, 1.7068

37.3473, 82.2729,
-2.4949

68.5209, 89.8000,
-1.7071

28.4335, 79.9747,
-2.6346

80.2315, 92.2493,
-1.3411

20.3695, 78.1924,
-2.6983

92.5423, 94.6232,
-0.9301

13.2565, 77.7773,
-2.6724

105.4253, 96.9136,
-0.4773

6.7851, 88.7589,
-3.3721

118.8562, 99.1179,
0.0148

0.0000, INF, NaN

0.0000, INF, NaN

132.8135,

101.2356, 0.5441

0.0000, NaN, NaN

147.2781,
103.2683, 1.1086

0.0000, NaN, NaN

■ 47.0350, 84.7651,
-2.2907

■ 47.0350, 84.7651,
-2.2907

■ 47.0341, 84.7621,
-2.2791

■ 48.1177, 83.5197,
-6.3448

■ 50.0967, 79.5153,
-9.4210

■ 53.1291, 72.6112,
-11.1411

■ 57.1920, 63.4328,
-11.4666

■ 62.1949, 52.7700,
-10.5447

■ 68.0197, 41.3140,
-8.6041

■ 74.5469, 29.5541,
-5.8760

■ 81.6688, 17.7886,
-2.5560

■ 89.2946, 6.1744,
1.2056

Harmonies

Analogous

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



47.0364, 66.8168, -49.1435



47.0350, 84.7651, -2.2907



47.0364, 74.2941, 22.7431

Triad

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



47.0364, 84.7602, -2.2891



47.0364, -28.3201, 31.3871



47.0364, -34.5369, -86.6957

Complementary

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



47.0350, 84.7651, -2.2907



82.9419, -66.6370, 40.1828

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.



47.0364, -48.9147, -34.5992



47.0350, 84.7651, -2.2907



47.0364, -46.1279, 26.1326

Square

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



47.0364, 84.7602, -2.2891



47.0364, 2.4348, 32.1394



47.0364, -52.4386, 6.9428



47.0364, -7.2630, -115.7859

Rectangle

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



47.0350, 84.7651, -2.2907



47.0364, 53.8775, 29.1822



47.0364, -52.4386, 6.9428



47.0364, -40.6894, -70.0313

Sweetspot

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



47.0364, 84.7602, -2.2891



76.5486, 30.4402, -6.0566



31.2587, 75.4005, -149.4098



34.0686, 16.4495, -3.3879

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.0364, 84.7602, -2.2891



48.3202, 87.0717, -2.2793



44.9382, 77.0695, 28.1163



41.7041, 2.6156, 0.6486



34.4539, 62.1674, -2.2644



10.5861, 19.2831, -2.1066

Inverse Universe

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



47.0364, 84.7602, -2.2891



48.3202, 87.0717, -2.2793



85.6547, -50.0425, 0.9689



41.7041, 2.6156, 0.6486



34.4539, 62.1674, -2.2644



10.5861, 19.2831, -2.1066

Previews

White Background



This preview shows how the HunterLab color 47.0350, 84.7651, -2.2907 looks on a white background.

Color Contrast Check

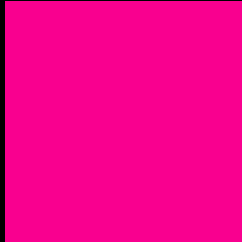
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.0350, 84.7651, -2.2907 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 47.0350, 84.7651, -2.2907 Background



This preview shows how black text looks on a background with the HunterLab color 47.0350, 84.7651, -2.2907.



This preview shows how white text looks on a background with the HunterLab color 47.0350, 84.7651, -2.2907.

-2.2907.

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

47.0350, 84.7651, -2.2907

Protanopia

47.6648, 7.7346, -43.1279

Deuteranopia

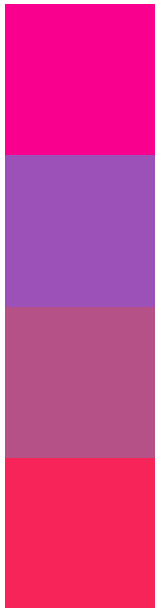
47.6281, 3.1571, 2.2285



Tritanopia

47.3971, 65.9463, 25.3529

Trichromacy



Original Color

47.0350, 84.7651, -2.2907

Protanomaly

40.3390, 40.0639, -40.2884

Deuteranomaly

41.9613, 40.0528, -6.3541

Tritanomaly

46.4498, 74.1183, 17.8559

Monochromacy



Original Color

47.0350, 84.7651, -2.2907

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.3231, 34.7762, -6.5331

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.0350, 84.7651, -2.2907 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(249, 0, 143)` looks like.

```
.text, #text, p{  
    color:rgb(249, 0, 143)  
}
```

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(249, 0, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 0, 143) }
```

Border

The CSS property to change the border of an element to HunterLab 47.0350, 84.7651, -2.2907 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(249, 0, 143) }
```


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

```
.border{ border-color:rgb(249, 0, 143) }
```

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

Here you see how a box with a 4 pixel rgb(249, 0, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 0, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 0, 143);  
box-shadow:4px 4px 4px 4px rgb(249, 0,  
143) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.0350, 84.7651, -2.2907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 0, 143) }
```

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

```
.background{ background-color: rgb(249, 0,  
143) }
```

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