

# Converting Colors

HunterLab(48.3179, 87.0633,  
-2.2463)

Have a look what the booklet for  
HunterLab(48.3179, 87.0633,  
-2.2463) contains.

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# Color

**HunterLab(48.3066, 87.0226,  
-2.0874)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF0092
RGB	255, 0, 146
RGB Percent	100%, 0%, 57%
CMY	0.0000, 0.9998, 0.4275
CMYK	0.00, 1.00, 0.43, 0.00
HSL	326°, 100%, 50%
HSV	326°, 100%, 100%
XYZ	46.4282, 23.3353, 29.2512
YIQ	92.8890, 105.1140, 99.4660

# Conversions

## Conversions Part 2

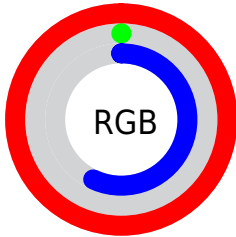
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 0, 146
Decimal	16711826
CIELab	55.42, 85.95, -5.92
CIELCh	55, 86.149, 356.062
Yxy	23.3366, 0.4689, 0.2357
Android (android.graphics.Color)	4294901906 (0xFFFF0092)
YUV	92.8890, 26.1837, 142.1713
Hunter-Lab	48.3066, 87.0226, -2.0874

# Details

The HunterLab color **48.3066, 87.0226, -2.0874** 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 **85.2207, -68.4445, 41.2363**, and the grayscale version is **32.9357, -1.7574, 1.7895**.

A 20% lighter version of the original color is **58.7745, 67.8939, -17.7176**, and **34.7145, 61.8824, 3.5738** is the 20% darker color. If you saturate the color by 10%, you get **48.3057, 87.0194, -2.0752**, and if you desaturate by 10%, it is **49.4070, 85.7881, -6.2806**.

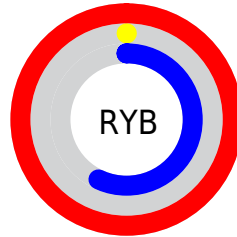
# Distribution



Red (100%)

Green (0%)

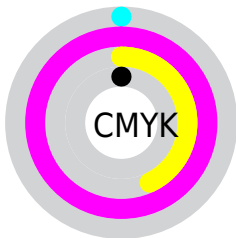
Blue (57%)



Red (100%)

Yellow (0%)

Blue (57%)

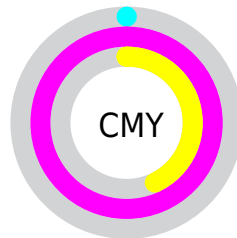


Cyan (0%)

Magenta (100%)

Yellow (43%)

Black (0%)



Cyan (0%)

Magenta (100%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.3066, 87.0226, -2.0874 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 48.3066, 87.0226, -2.0874 by changing the saturation by 10% instead.



48.3066, 87.0226,  
-2.0874

48.3066, 87.0226,  
-2.0874

164.1491,  
107.7109, 2.0313

38.5257, 84.5072,  
-2.3095

69.9611, 92.1028,  
-1.4717

29.5106, 82.1798,  
-2.4687

81.7489, 94.5765,  
-1.0911

21.3347, 80.3449,  
-2.5540

94.1332, 96.9759,  
-0.6663

14.0951, 79.7887,  
-2.5523

107.0864, 99.2930,  
-0.2003

7.7443, 85.7281,  
-2.7736

120.5847,  
101.5248, 0.3044

0.0000, INF, NaN

0.0000, INF, NaN

134.6069,

103.6707, 0.8458

0.0000, NaN, NaN

149.1340,  
105.7321, 1.4220

0.0000, NaN, NaN

■ 48.3066, 87.0226,  
-2.0874

■ 48.3066, 87.0226,  
-2.0874

■ 48.3057, 87.0194,  
-2.0752

■ 49.4070, 85.7881,  
-6.2806

■ 51.4325, 81.7037,  
-9.4731

■ 54.5432, 74.6296,  
-11.2755

■ 58.7161, 65.2073,  
-11.6443

■ 63.8582, 54.2516,  
-10.7282

■ 69.8478, 42.4760,  
-8.7617

■ 76.5613, 30.3864,  
-5.9825

■ 83.8877, 18.2903,  
-2.5919

■ 91.7332, 6.3501,  
1.2548

# Harmonies

## Analogous

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



48.3080, 68.7879, -50.0488



48.3066, 87.0226, -2.0874



48.3080, 76.0760, 23.4535

# Triad

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



48.3080, 87.0175, -2.0858



48.3080, -29.2465, 32.2167



48.3080, -35.3072, -89.2973

# Complementary

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



48.3066, 87.0226, -2.0874



85.2207, -68.4445, 41.2363

# 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.



48.3080, -50.1562, -35.8736



48.3066, 87.0226, -2.0874



48.3080, -47.4390, 26.7582

# Square

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



48.3080, 87.0175, -2.0858



48.3080, 2.2374, 32.9918



48.3080, -53.8455, 6.9128



48.3080, -7.2161, -118.8589



# Rectangle

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



48.3066, 87.0226, -2.0874



48.3080, 55.0382, 30.0056



48.3080, -53.8455, 6.9128



48.3080, -41.6549, -72.2400

# Sweetspot

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



48.3080, 87.0175, -2.0858



76.5439, 30.4166, -5.9902



32.0985, 77.4511, -153.6172



34.0661, 16.4371, -3.3525

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



48.3080, 87.0175, -2.0858



48.3058, 87.0195, -2.0752



46.1699, 79.1795, 28.9054



42.6162, 2.6803, 0.6685



34.9618, 63.0609, -2.1186



11.0093, 20.0382, -2.0683



# Inverse Universe

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



48.3080, 87.0175, -2.0858



48.3058, 87.0195, -2.0752



88.0038, -51.4206, 1.0078



42.6162, 2.6803, 0.6685



34.9618, 63.0609, -2.1186



11.0093, 20.0382, -2.0683



# Previews

## White Background



This preview shows how the HunterLab color 48.3066, 87.0226, -2.0874 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

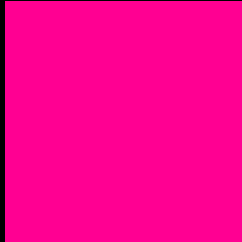
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 48.3066, 87.0226, -2.0874 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 48.3066, 87.0226, -2.0874 Background



This preview shows how black text looks on a background with the HunterLab color 48.3066, 87.0226, -2.0874.



This preview shows how white text looks on a background with the HunterLab color 48.3066, 87.0226, -2.0874.

-2.0874.

# 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

48.3066, 87.0226, -2.0874

### Protanopia

49.1517, 7.3525, -43.1335

### Deuteranopia

48.8114, 3.1139, 2.2895



## Tritanopia

48.6476, 67.9727, 26.1235

# Trichromacy



## Original Color

48.3066, 87.0226, -2.0874



## Protanomaly

41.7158, 40.9765, -40.3974



## Deuteranomaly

42.9996, 40.9972, -6.4660



## Tritanomaly

47.7220, 76.1825, 18.4431

# Monochromacy



## Original Color

48.3066, 87.0226, -2.0874



## Achromatopsia

33.0850, -1.7653, 1.7976



## Achromatomaly

33.1258, 35.9927, -6.3949

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 48.3066, 87.0226, -2.0874 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 146) }
```

## Border

The CSS property to change the border of an element to HunterLab 48.3066, 87.0226, -2.0874 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, 146) }
```



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

```
.border{ border-color:rgb(255, 0, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
146) }
```

# Background

The CSS property to change the background color of an element to HunterLab 48.3066, 87.0226, -2.0874 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, 146) }
```

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

```
.background{ background-color: rgb(255, 0,  
146) }
```

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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