

Converting Colors

HunterLab(49.0802, 85.3348,
-3.3369)

Have a look what the booklet for
HunterLab(49.0802, 85.3348,
-3.3369) contains.

HunterLab(49.0661, 85.3051, -3.1388)	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(49.0661, 85.3051,
-3.1388)**

Conversions

Conversions Part 1	
Format	Color
Hex	FF1796
RGB	255, 23, 150
RGB Percent	100%, 9%, 59%
CMY	0.0000, 0.9097, 0.4118
CMYK	0.00, 0.91, 0.41, 0.00
HSL	327°, 100%, 55%
HSV	327°, 91%, 100%
XYZ	47.0514, 24.0748, 31.0212
YIQ	106.8460, 97.5050, 88.6810

Conversions

Conversions Part 2

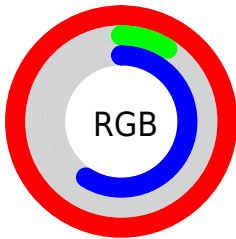
Format	Color
RYB	255, 23, 150
Decimal	16717718
CIELab	56.16, 84.48, -7.18
CIELCh	56, 84.787, 355.141
Yxy	24.0762, 0.4606, 0.2357
Android (android.graphics.Color)	4294907798 (0xFFFF1796)
YUV	106.8460, 21.2749, 129.9311
Hunter-Lab	49.0661, 85.3051, -3.1388

Details

The HunterLab color **49.0661, 85.3051, -3.1388** 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 **85.5932, -66.3437, 37.4260**, and the grayscale version is **38.1887, -2.0377, 2.0749**.

A 20% lighter version of the original color is **59.9397, 65.7239, -18.4223**, and **34.7956, 62.1774, 2.4153** is the 20% darker color. If you saturate the color by 10%, you get **48.1050, 86.2910, 0.7759**, and if you desaturate by 10%, it is **51.0004, 81.5481, -6.6375**.

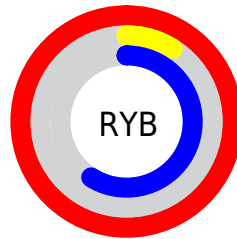
Distribution



Red (100%)

Green (9%)

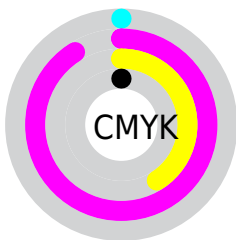
Blue (59%)



Red (100%)

Yellow (9%)

Blue (59%)

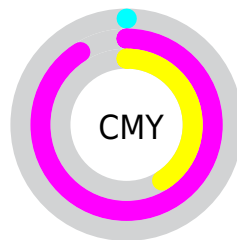


Cyan (0%)

Magenta (91%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (91%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 49.0661, 85.3051, -3.1388 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 49.0661, 85.3051, -3.1388 by changing the saturation by 10% instead.


 49.0661, 85.3051,
-3.1388


 49.0661, 85.3051,
-3.1388


165.2893,
105.6376, 0.5613


 39.2303, 82.7955,
-3.3045

 70.8199, 90.3304,
-2.6285


 30.1557, 80.4416,
-3.4046


 82.6533, 92.7661,
-2.2974


 21.9142, 78.5138,
-3.4279

 95.0809, 95.1243,
-1.9203

 14.6005, 77.7047,
-3.3621

 108.0757, 97.3982,
-1.5003

 8.2607, 81.3924,
-3.3561

 121.6138, 99.5857,
-1.0400

0.0000, INF, -NF

0.0000, INF, NaN


135.6743,


101.6869, -0.5417


0.0000, NaN, NaN


150.2384,
103.7035, -0.0074


0.0000, NaN, NaN


 49.0661, 85.3051,
-3.1388


 49.0661, 85.3051,
-3.1388


 48.1050, 86.2910,
0.7759

 51.0004, 81.5481,
-6.6375

 54.0210, 74.7813,
-8.8423

 58.1142, 65.6084,
-9.6598

 63.1898, 54.8433,
-9.1999

 69.1259, 43.2136,
-7.6735

■ 75.7975, 31.2414,
-5.3080

■ 83.0912, 19.2467,
-2.3020

■ 90.9115, 7.3998,
1.1877

99.1796, -4.2250,
5.0444

Harmonies

Analogous

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



49.0675, 66.6644, -50.6300



49.0661, 85.3051, -3.1388



49.0675, 75.4626, 22.9865

Triad

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



49.0675, 85.3002, -3.1372



49.0675, -28.3221, 32.5662



49.0675, -35.7826, -85.7181

Complementary

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



49.0661, 85.3051, -3.1388



85.5932, -66.3437, 37.4260

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.



49.0675, -50.2907, -33.5749



49.0661, 85.3051, -3.1388



49.0675, -46.9178, 27.1393

Square

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



49.0675, 85.3002, -3.1372



49.0675, 3.2797, 33.3037



49.0675, -53.6961, 7.8457



49.0675, -8.2550, -115.5832

Rectangle

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



49.0661, 85.3051, -3.1388



49.0675, 55.2210, 29.9710



49.0675, -53.6961, 7.8457



49.0675, -41.9978, -68.9757

Sweetspot

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



49.0675, 85.3002, -3.1372



78.6218, 26.4742, -4.1826



35.1831, 76.2861, -136.4162



35.2466, 14.1466, -2.3859

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.0675, 85.3002, -3.1372



48.1050, 86.2911, 0.7759



46.8971, 77.2009, 28.2749



42.6069, 2.6304, 0.8008



34.8169, 62.5354, -0.0633



10.9651, 19.8790, -1.4484

Inverse Universe

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



49.0675, 85.3002, -3.1372



48.1050, 86.2911, 0.7759



88.4296, -49.0752, -3.4352



42.6069, 2.6304, 0.8008



34.8169, 62.5354, -0.0633



10.9651, 19.8790, -1.4484

Previews

White Background



This preview shows how the HunterLab color 49.0661, 85.3051, -3.1388 looks on a white background.

Color Contrast Check

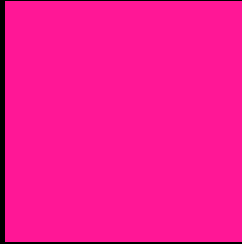
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.0661, 85.3051, -3.1388 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 49.0661, 85.3051, -3.1388 Background



This preview shows how black text looks on a background with the HunterLab color 49.0661, 85.3051, -3.1388.



This preview shows how white text looks on a background with the HunterLab color 49.0661, 85.3051, -3.1388.

-3.1388.

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

49.0661, 85.3051, -3.1388

Protanopia

49.5807, 7.6434, -44.5932

Deuteranopia





49.2013, 3.2563, 0.9400






Tritanopia

49.1319, 66.8715, 25.5922

Trichromacy

	Original Color 49.0661, 85.3051, -3.1388
	Protanomaly 43.6119, 37.0768, -38.7053
	Deuteranomaly 44.8069, 37.2556, -6.1243
	Tritanomaly 48.6164, 73.7817, 18.0455

Monochromacy

	Original Color 49.0661, 85.3051, -3.1388
	Achromatopsia 38.3441, -2.0459, 2.0833
	Achromatomaly 37.6510, 32.9943, -5.7306

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0661, 85.3051, -3.1388 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, 23, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 23, 150)  
}
```

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, 23, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 23, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0661, 85.3051, -3.1388 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, 23, 150) }
```


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

```
.border{ border-color:rgb(255, 23, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 23, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 23, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 23, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 23,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.0661, 85.3051, -3.1388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 23, 150) }
```

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

```
.background{ background-color: rgb(255, 23,  
150) }
```

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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