

# Converting Colors

HunterLab(50.8493, 96.1202,  
-37.2130)

Have a look what the booklet for  
HunterLab(50.8493, 96.1202,  
-37.2130) contains.

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# Color

**HunterLab(50.8561, 96.1443,  
-37.3047)**

# Conversions

Conversions Part 1	
Format	Color
Hex	FF00D1
RGB	255, 0, 209
RGB Percent	100%, 0%, 82%
CMY	0.0000, 0.9998, 0.1804
CMYK	0.00, 1.00, 0.18, 0.00
HSL	311°, 100%, 50%
HSV	311°, 100%, 100%
XYZ	52.7486, 25.8634, 62.5335
YIQ	100.0710, 84.8910, 119.0590

# Conversions

## Conversions Part 2

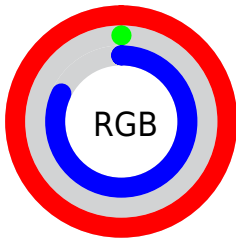
Format	Color
<a href="#">RYB</a>	<a href="#">255, 0, 209</a>
Decimal	<a href="#">16711889</a>
CIELab	<a href="#">57.91, 92.32, -38.82</a>
CIELCh	<a href="#">58, 100.151, 337.196</a>
Yxy	<a href="#">25.8646, 0.3737, 0.1832</a>
Android (android.graphics.Color)	<a href="#">4294901969</a> (0xFFFF00D1)
YUV	<a href="#">100.0710, 53.7020, 135.8727</a>
Hunter-Lab	<a href="#">50.8561, 96.1443, -37.3047</a>

# Details

The HunterLab color **50.8561, 96.1443, -37.3047** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **84.6865, -71.7843, 49.1132**, and the grayscale version is **35.5189, -1.8952, 1.9298**.

A 20% lighter version of the original color is **61.7904, 77.1552, -51.3537**, and **36.9737, 69.6286, -25.0222** is the 20% darker color. If you saturate the color by 10%, you get **50.8557, 96.1427, -37.2985**, and if you desaturate by 10%, it is **51.7821, 94.4453, -38.9756**.

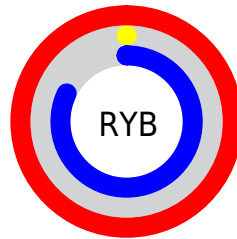
# Distribution



Red (100%)

Green (0%)

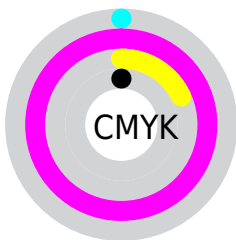
Blue (82%)



Red (100%)

Yellow (0%)

Blue (82%)

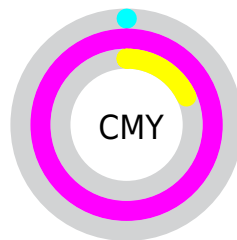


Cyan (0%)

Magenta (100%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (100%)


Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.8561, 96.1443, -37.3047 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 50.8561, 96.1443, -37.3047 by changing the saturation by 10% instead.





 50.8561, 96.1443,  
-37.3047


 50.8561, 96.1443,  
-37.3047


167.9634,  
117.9778, -41.9567


 40.8930, 93.5639,  
-36.6568


 72.8399, 101.4217,  
-38.6114

 31.6809, 91.2020,  
-36.0910


 84.7791, 104.0143,  
-39.2254


 23.2881, 89.3686,  
-35.7425

 97.3075, 106.5415,  
-39.7982

 15.8042, 88.8217,  
-35.9419

 110.3987,  
108.9925, -40.3253

 9.3568, 91.8071,  
-37.6697

 124.0294,  
111.3625, -40.8049

0.0000, INF, -NF


0.0000, NaN, -NF


138.1790,


113.6498, -41.2364


0.0000, NaN, NaN


152.8292,  
115.8544, -41.6201


 50.8561, 96.1443,  
-37.3047


 50.8561, 96.1443,  
-37.3047


 50.8557, 96.1427,  
-37.2985

 51.7821, 94.4453,  
-38.9756

 53.5770, 89.8396,  
-38.9694

 56.4116, 82.1337,  
-37.0296

 60.2842, 71.9176,  
-33.3566

 65.1220, 60.0010,  
-28.3320

■ 70.8178, 47.1353,  
-22.3634

■ 77.2561, 33.8817,  
-15.7927

■ 84.3289, 20.5991,  
-8.8684

■ 91.9422, 7.4868,  
-1.7545

# Harmonies

## Analogous

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



50.8573, 56.4218, -105.5580



50.8561, 96.1443, -37.3047



50.8573, 105.8196, 11.5418

# Triad

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



50.8573, 96.1402, -37.3027



50.8573, -12.5137, 35.5610



50.8573, -52.6610, -69.7878

# Complementary

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



50.8561, 96.1443, -37.3047



84.6865, -71.7843, 49.1132

# 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.



50.8573, -60.8889, -7.9144



50.8561, 96.1443, -37.3047



50.8573, -43.1547, 33.8834

# Square

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



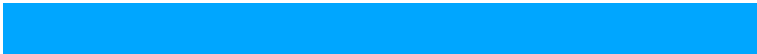
50.8573, 96.1402, -37.3027



50.8573, 32.8231, 34.9873



50.8573, -58.0927, 24.5602



50.8573, -30.5696, -132.7806



# Rectangle

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



50.8561, 96.1443, -37.3047



50.8573, 91.7903, 26.9613



50.8573, -58.0927, 24.5602



50.8573, -56.7443, -46.8418

# Sweetspot

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



50.8573, 96.1402, -37.3027



77.2417, 33.9101, -15.8071



27.7939, 73.5631, -183.4033



34.4414, 18.2828, -8.6202

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



50.8573, 96.1402, -37.3027



50.8557, 96.1427, -37.2985



46.8163, 81.5700, 19.3822



42.7093, 3.1789, -0.6543



36.7891, 69.5953, -27.3350



11.5403, 21.9309, -9.3468



# Inverse Universe

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



50.8573, 96.1402, -37.3027



50.8557, 96.1427, -37.2985



86.2689, -61.9615, 25.9306



42.7093, 3.1789, -0.6543



36.7891, 69.5953, -27.3350



11.5403, 21.9309, -9.3468



# Previews

## White Background



This preview shows how the HunterLab color 50.8561, 96.1443, -37.3047 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

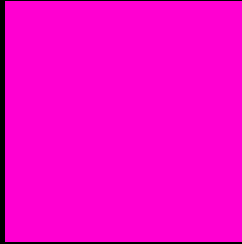
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the HunterLab color 50.8561, 96.1443, -37.3047 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 50.8561, 96.1443, -37.3047 Background



This preview shows how black text looks on a background with the HunterLab color 50.8561, 96.1443, -37.3047.



This preview shows how white text looks on a background with the HunterLab color 50.8561, 96.1443, -37.3047.



# 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

50.8561, 96.1443, -37.3047

### Protanopia

51.7849, 13.8324, -76.1672

### Deuteranopia

51.4934, 3.7639, -28.3360



## Tritanopia

51.1226, 58.5579, 22.0693

# Trichromacy



## Original Color

50.8561, 96.1443, -37.3047



## Protanomaly

43.4957, 48.4035, -82.6124



## Deuteranomaly

44.4326, 45.2128, -45.5650



## Tritanomaly

49.2285, 74.8121, 5.7826

# Monochromacy



## Original Color

50.8561, 96.1443, -37.3047



## Achromatopsia

35.6984, -1.9048, 1.9396



## Achromatomaly

35.5361, 39.6659, -18.8040

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 50.8561, 96.1443, -37.3047 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 209) }
```

## Border

The CSS property to change the border of an element to HunterLab 50.8561, 96.1443, -37.3047 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, 209) }
```



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

```
.border{ border-color:rgb(255, 0, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
209) }
```

# Background

The CSS property to change the background color of an element to HunterLab 50.8561, 96.1443, -37.3047 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, 209) }
```

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

```
.background{ background-color: rgb(255, 0,  
209) }
```

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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