

Converting Colors

HunterLab(49.1253, 88.3675,
-10.1157)

Have a look what the booklet for
HunterLab(49.1253, 88.3675,
-10.1157) contains.

HunterLab(49.1136, 88.3565, -10.0196)	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(49.1136, 88.3565,
-10.0196)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0AA3
RGB	255, 10, 163
RGB Percent	100%, 4%, 64%
CMY	0.0000, 0.9605, 0.3608
CMYK	0.00, 0.96, 0.36, 0.00
HSL	323°, 100%, 52%
HSV	323°, 96%, 100%
XYZ	47.9594, 24.1215, 36.7786
YIQ	100.6970, 96.9070, 99.5230

Conversions

Conversions Part 2

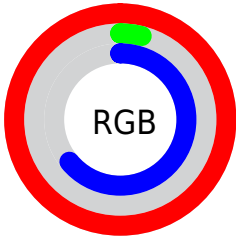
Format	Color
R_{YB}	255, 10, 163
Decimal	16714403
CIE _{Lab}	56.21, 86.81, -14.79
CIE _{LCh}	56, 88.060, 350.334
Yxy	24.1228, 0.4406, 0.2216
Android (android.graphics.Color)	4294904483 (0xFFFF0AA3)
YUV	100.6970, 30.7154, 135.3237
Hunter-Lab	49.1136, 88.3565, -10.0196

Details

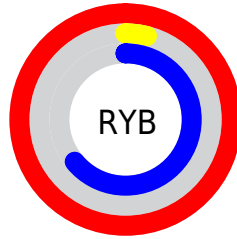
The HunterLab color **49.1136, 88.3565, -10.0196** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **85.1736, -68.8144, 42.5173**, and the grayscale version is **35.8364, -1.9121, 1.9471**.

A 20% lighter version of the original color is **60.0187, 69.6796, -27.3212**, and **35.1485, 63.4580, -2.5990** is the 20% darker color. If you saturate the color by 10%, you get **48.7554, 88.6449, -8.4158**, and if you desaturate by 10%, it is **50.4938, 86.1269, -13.5497**.

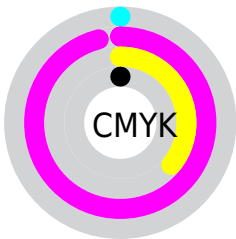
Distribution



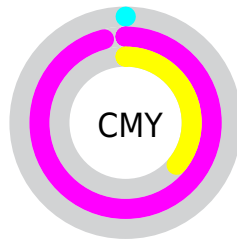
- Red (100%)
- Green (4%)
- Blue (64%)



- Red (100%)
- Yellow (4%)
- Blue (64%)



- Cyan (0%)
- Magenta (96%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (96%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 49.1136, 88.3565, -10.0196 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 49.1136, 88.3565, -10.0196 by changing the saturation by 10% instead.


 49.1136, 88.3565,
-10.0196


 49.1136, 88.3565,
-10.0196


165.3604,
109.1767, -8.8411


 39.2743, 85.8275,
-9.8593


 70.8735, 93.4629,
-10.1317


 30.1961, 83.4816,
-9.6262


 82.7097, 95.9501,
-10.0970


 21.9505, 81.6126,
-9.3157

 95.1401, 98.3638,
-10.0069

 14.6322, 80.9677,
-8.9353

 108.1374,
100.6957, -9.8653

 8.2918, 85.0581,
-8.7499

 121.6780,
102.9427, -9.6752

0.0000, INF, -NF

0.0000, INF, NaN

135.7409,

105.1043, -9.4396

0.0000, NaN, NaN

150.3073,
107.1816, -9.1608

0.0000, NaN, NaN

■ 49.1136, 88.3565,
-10.0196

■ 49.1136, 88.3565,
-10.0196

■ 48.7554, 88.6449,
-8.4158

■ 50.4938, 86.1269,
-13.5497

■ 52.9037, 80.7495,
-15.6806

■ 56.3913, 72.5557,
-16.2521

■ 60.9048, 62.2909,
-15.3611

■ 66.3396, 50.7561,
-13.2478

■ 72.5733, 38.5972,
-10.1878

■ 79.4878, 26.2487,
-6.4259

■ 86.9792, 13.9640,
-2.1543

■ 94.9606, 1.8700,
2.4869

Harmonies

Analogous

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



49.1150, 64.5374, -62.5786



49.1136, 88.3565, -10.0196



49.1150, 82.8444, 20.7771

Triad

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



49.1150, 88.3517, -10.0179



49.1150, -24.8628, 33.1694



49.1150, -40.1063, -82.4321

Complementary

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



49.1136, 88.3565, -10.0196



85.1736, -68.8144, 42.5173

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.



49.1150, -52.9038, -26.9223



49.1136, 88.3565, -10.0196



49.1150, -46.0701, 29.1477

Square

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



49.1150, 88.3517, -10.0179



49.1150, 9.8251, 33.5276



49.1150, -54.7070, 12.6816



49.1150, -13.9434, -120.6442

Rectangle

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



49.1136, 88.3565, -10.0196



49.1150, 63.7530, 29.3264



49.1150, -54.7070, 12.6816



49.1150, -45.7450, -63.8496

Sweetspot

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



49.1150, 88.3517, -10.0179



77.3864, 29.8887, -7.5948



31.8442, 75.4434, -155.2049



34.4382, 16.2665, -4.2565

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.1150, 88.3517, -10.0179



48.7554, 88.6449, -8.4158



46.5304, 78.8487, 27.1741



42.6355, 2.7839, 0.3935



35.2856, 64.2306, -6.6788



11.1063, 20.3874, -3.4237

Inverse Universe

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



49.1150, 88.3517, -10.0179



48.7554, 88.6449, -8.4158



87.6796, -53.4467, 6.1985



42.6355, 2.7839, 0.3935



35.2856, 64.2306, -6.6788



11.1063, 20.3874, -3.4237

Previews

White Background



This preview shows how the HunterLab color 49.1136, 88.3565, -10.0196 looks on a white background.

Color Contrast Check

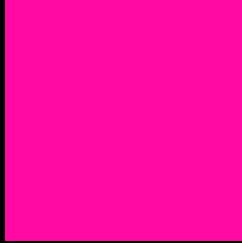
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.1136, 88.3565, -10.0196 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 49.1136, 88.3565, -10.0196 Background



This preview shows how black text looks on a background with the HunterLab color 49.1136, 88.3565, -10.0196.



This preview shows how white text looks on a background with the HunterLab color 49.1136, 88.3565, -10.0196.

-10.0196.

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

49.1136, 88.3565, -10.0196

Protanopia

49.6599, 11.4857, -61.2391

Deuteranopia

49.4290, 3.4310, -5.1140



Tritanopia

49.3210, 65.5853, 25.1560

Trichromacy



Original Color

49.1136, 88.3565, -10.0196



Protanomaly

42.5592, 41.4371, -56.1835



Deuteranomaly

43.9600, 39.9390, -14.6336



Tritanomaly

48.3170, 74.7470, 15.6561

Monochromacy



Original Color

49.1136, 88.3565, -10.0196



Achromatopsia

36.0744, -1.9248, 1.9600



Achromatomaly

35.7178, 35.4944, -9.0229

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1136, 88.3565, -10.0196 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, 10, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 10, 163)  
}
```

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, 10, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 10, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1136, 88.3565, -10.0196 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, 10, 163) }
```


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

```
.border{ border-color:rgb(255, 10, 163) }
```

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

Here you see how a box with a 4 pixel rgb(255, 10, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 10, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 10, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 10,  
163) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1136, 88.3565, -10.0196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 10, 163) }
```

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

```
.background{ background-color: rgb(255, 10,  
163) }
```

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