

Converting Colors

HunterLab(49.9025, 86.4226,
-33.2447)

Have a look what the booklet for
HunterLab(49.9025, 86.4226,
-33.2447) contains.

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Color

**HunterLab(49.9011, 86.4345,
-33.3932)**

Conversions

Conversions Part 1

Format	Color
Hex	F427C9
RGB	244, 39, 201
RGB Percent	96%, 15%, 79%
CMY	0.0431, 0.8470, 0.2118
CMYK	0.00, 0.84, 0.18, 0.04
HSL	313°, 90%, 55%
HSV	313°, 84%, 96%
XYZ	48.5764, 24.9012, 57.5045
YIQ	118.7630, 70.1780, 93.8420

Conversions

Conversions Part 2

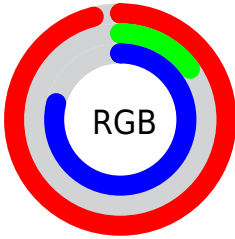
Format	Color
R_{YB}	244, 39, 201
Decimal	16000969
CIE _{Lab}	56.98, 85.19, -35.84
CIE _{LCh}	57, 92.422, 337.186
Yxy	24.9025, 0.3709, 0.1901
Android (android.graphics.Color)	4294191049 (0xFFFF427C9)
YUV	118.7630, 40.5428, 109.8328
Hunter-Lab	49.9011, 86.4345, -33.3932

Details

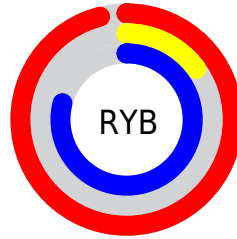
The HunterLab color **49.9011, 86.4345, -33.3932** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **81.0821, -65.4762, 42.9764**, and the grayscale version is **42.6913, -2.2779, 2.3195**.

A 20% lighter version of the original color is **63.2996, 72.7582, -48.3364**, and **34.8462, 65.6307, -23.6491** is the 20% darker color. If you saturate the color by 10%, you get **48.5225, 89.5459, -32.2605**, and if you desaturate by 10%, it is **52.2462, 80.2977, -32.7513**.

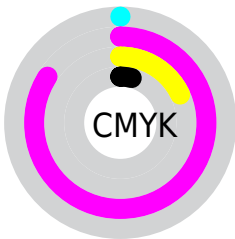
Distribution



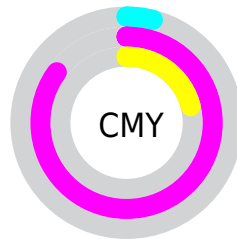
- Red (96%)
- Green (15%)
- Blue (79%)



- Red (96%)
- Yellow (15%)
- Blue (79%)



- Cyan (0%)
- Magenta (84%)
- Yellow (18%)
- Black (4%)



- Cyan (4%)
- Magenta (85%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9011, 86.4345, -33.3932 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 49.9011, 86.4345, -33.3932 by changing the saturation by 10% instead.

49.9011, 86.4345,
-33.3932

49.9011, 86.4345,
-33.3932

166.5389,
106.8678, -37.5356

40.0055, 83.9138,
-32.7581

71.7628, 91.4817,
-34.6238

30.8663, 81.5416,
-32.1748

83.6458, 93.9276,
-35.1857

22.5536, 79.5782,
-31.7562

96.1207, 96.2964,
-35.7009

15.1598, 78.6778,
-31.7882

109.1607, 98.5813,
-36.1669

8.7907, 81.1836,
-33.2849

122.7422,
100.7801, -36.5828

0.0000, INF, -NF

0.0000, NaN, NaN

136.8445,

102.8930, -36.9489

0.0000, NaN, NaN

151.4489,
104.9215, -37.2661

■ 49.9011, 86.4345,
-33.3932

■ 49.9011, 86.4345,
-33.3932

■ 48.5225, 89.5459,
-32.2605

■ 52.2462, 80.2977,
-32.7513

■ 48.0367, 90.2622,
-30.9579

■ 55.5858, 71.5434,
-30.3973

■ 59.8715, 60.8930,
-26.6155

■ 65.0091, 49.0978,
-21.7735

■ 70.8892, 36.7582,
-16.2109

77.4054, 24.2788,
-10.1906

84.4636, 11.8965,
-3.8958

91.9841, -0.2697,
2.5550

98.7283, -10.2950,
7.7784

Harmonies

Analogous

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



49.9024, 50.9213, -93.3861



49.9011, 86.4345, -33.3932



49.9024, 95.0508, 10.8056

Triad

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



49.9024, 86.4309, -33.3911



49.9024, -11.6616, 34.3879



49.9024, -49.2864, -62.0555

Complementary

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



49.9011, 86.4345, -33.3932



81.0821, -65.4762, 42.9764

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.



49.9024, -57.2182, -7.0049



49.9011, 86.4345, -33.3932



49.9024, -40.2333, 32.6319

Square

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



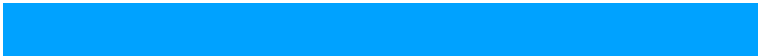
49.9024, 86.4309, -33.3911



49.9024, 29.6903, 33.8477



49.9024, -54.5044, 23.1460



49.9024, -28.4287, -117.0183

Rectangle

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



49.9011, 86.4345, -33.3932



49.9024, 82.5738, 25.4828



49.9024, -54.5044, 23.1460



49.9024, -53.2083, -41.8185

Sweetspot

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



49.9024, 86.4309, -33.3911



80.6344, 26.9011, -11.3945



31.1287, 62.3018, -142.7463



36.1667, 14.5837, -6.3165

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.9024, 86.4309, -33.3911



50.4985, 94.8782, -32.4686



46.4924, 73.5927, 14.3952



40.8721, 2.9624, -0.4622



35.4509, 66.6617, -23.2235



10.5790, 20.0073, -7.8190

Inverse Universe

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



49.9024, 86.4309, -33.3911



50.4985, 94.8782, -32.4686



82.7840, -54.9920, 18.1556



40.8721, 2.9624, -0.4622



35.4509, 66.6617, -23.2235



10.5790, 20.0073, -7.8190

Previews

White Background



This preview shows how the HunterLab color 49.9011, 86.4345, -33.3932 looks on a white background.

Color Contrast Check

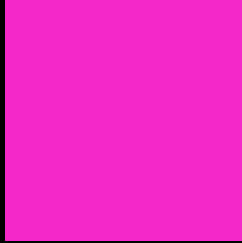
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.9011, 86.4345, -33.3932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

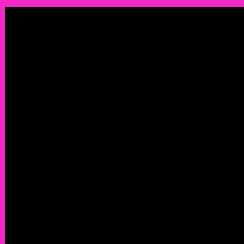
Any Text WCAG AA ✓ Pass

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 49.9011, 86.4345, -33.3932 Background



This preview shows how black text looks on a background with the HunterLab color 49.9011, 86.4345, -33.3932.



This preview shows how white text looks on a background with the HunterLab color 49.9011, 86.4345, -33.3932.

-33.3932.

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

49.9011, 86.4345, -33.3932

Protanopia

50.4098, 15.1268, -79.9466

Deuteranopia

49.9951, 3.8916, -26.2199



Tritanopia

49.7269, 53.0648, 20.0374

Trichromacy



Original Color

49.9011, 86.4345, -33.3932



Protanomaly

44.8026, 38.9241, -75.7239



Deuteranomaly

45.7864, 35.6599, -36.4941



Tritanomaly

48.9112, 65.3338, 5.6822

Monochromacy



Original Color

49.9011, 86.4345, -33.3932



Achromatopsia

42.9506, -2.2917, 2.3336



Achromatomaly

41.6831, 31.5039, -14.2078

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9011, 86.4345, -33.3932 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(244, 39, 201)` looks like.

```
.text, #text, p{  
  color:rgb(244, 39, 201)  
}
```

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(244, 39, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 39, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9011, 86.4345, -33.3932 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(244, 39, 201) }
```


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

```
.border{ border-color:rgb(244, 39, 201) }
```

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

Here you see how a box with a 4 pixel rgb(244, 39, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 39, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 39, 201);  
box-shadow:4px 4px 4px 4px rgb(244, 39,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9011, 86.4345, -33.3932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 39, 201) }
```

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

```
.background{ background-color: rgb(244, 39,  
201) }
```

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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