

Converting Colors

HunterLab(51.7406, 99.2579,
-49.1284)

Have a look what the booklet for
HunterLab(51.7406, 99.2579,
-49.1284) contains.

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Color

**HunterLab(51.7214, 99.1906,
-48.8736)**

Conversions

Conversions Part 1

Format	Color
Hex	FF00E2
RGB	255, 0, 226
RGB Percent	100%, 0%, 89%
CMY	0.0000, 0.9998, 0.1137
CMYK	0.00, 1.00, 0.11, 0.00
HSL	307°, 100%, 50%
HSV	307°, 100%, 100%
XYZ	54.9675, 26.7510, 74.2180
YIQ	102.0090, 79.4340, 124.3460

Conversions

Conversions Part 2

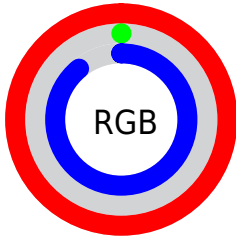
Format	Color
R_{YB}	255, 0, 226
Decimal	16711906
CIE _{Lab}	58.74, 94.40, -47.14
CIE _{LCh}	59, 105.520, 333.462
Yxy	26.7521, 0.3525, 0.1716
Android (android.graphics.Color)	4294901986 (0xFFFF00E2)
YUV	102.0090, 61.1276, 134.1731
Hunter-Lab	51.7214, 99.1906, -48.8736

Details

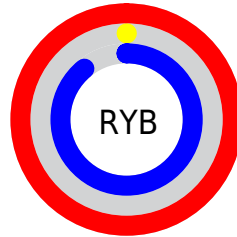
The HunterLab color **51.7214, 99.1906, -48.8736** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **84.6223, -72.1873, 50.0633**, and the grayscale version is **36.2215, -1.9327, 1.9680**.

A 20% lighter version of the original color is **61.9521, 76.6768, -51.0255**, and **37.7356, 72.3142, -35.2345** is the 20% darker color. If you saturate the color by 10%, you get **51.7211, 99.1896, -48.8698**, and if you desaturate by 10%, it is **52.5649, 97.2546, -49.4381**.

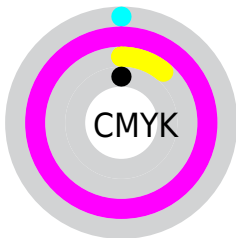
Distribution



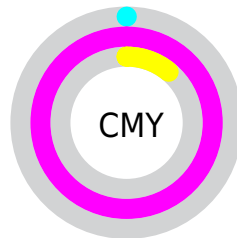
- Red (100%)
- Green (0%)
- Blue (89%)



- Red (100%)
- Yellow (0%)
- Blue (89%)



- Cyan (0%)
- Magenta (100%)
- Yellow (11%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.7214, 99.1906, -48.8736 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 51.7214, 99.1906, -48.8736 by changing the saturation by 10% instead.

51.7214, 99.1906,
-48.8736

51.7214, 99.1906,
-48.8736

169.2498,
121.3813, -54.7223

41.6979, 96.5904,
-48.2691

73.8146, 104.5284,
-50.2936

32.4205, 94.2179,
-47.8705

85.8041, 107.1578,
-51.0210

23.9562, 92.3837,
-47.9063

98.3805, 109.7246,
-51.7293

16.3922, 91.8353,
-48.9143

111.5176,
112.2175, -52.4074

9.8520, 94.7316,
-52.4317

125.1925,
114.6308, -53.0487

0.0000, INF, -NF

0.0000, NaN, NaN

139.3846,

116.9625, -53.6495

154.0759,
119.2123, -54.2077

■ 51.7214, 99.1906,
-48.8736

■ 51.7214, 99.1906,
-48.8736

■ 51.7211, 99.1896,
-48.8698

■ 52.5649, 97.2546,
-49.4381

■ 54.2652, 92.4114,
-48.1961

■ 56.9967, 84.4504,
-44.9257

■ 60.7640, 73.9453,
-39.8914

■ 65.5003, 61.7041,
-33.5359

71.1020, 48.4893,
-26.3127

77.4554, 34.8787,
-18.5900

84.4528, 21.2456,
-10.6257

91.9997, 7.7993,
-2.5818

Harmonies

Analogous

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



51.7225, 53.8826, -122.9952



51.7214, 99.1906, -48.8736



51.7225, 114.5064, 7.5281

Triad

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



51.7225, 99.1867, -48.8716



51.7225, -7.8676, 36.2057



51.7225, -56.8296, -65.9022

Complementary

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



51.7214, 99.1906, -48.8736



84.6223, -72.1873, 50.0633

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.



51.7225, -63.7571, -2.3872



51.7214, 99.1906, -48.8736



51.7225, -42.2359, 35.1436

Square

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



51.7225, 99.1867, -48.8716



51.7225, 41.6727, 35.6543



51.7225, -59.5058, 27.6898



51.7225, -35.9234, -137.4442

Rectangle

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



51.7214, 99.1906, -48.8736



51.7225, 102.4749, 25.9826



51.7225, -59.5058, 27.6898



51.7225, -60.4730, -41.6446

Sweetspot

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



51.7225, 99.1867, -48.8716



77.4418, 34.9065, -18.6060



27.2669, 73.1629, -187.6358



34.5500, 18.8135, -10.1337

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.7225, 99.1867, -48.8716



51.7211, 99.1896, -48.8698



47.1392, 82.7575, 14.6750



42.7349, 3.3158, -1.0175



37.4059, 71.7666, -35.5783



11.7135, 22.5390, -11.6506

Inverse Universe

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



51.7225, 99.1867, -48.8716



51.7211, 99.1896, -48.8698



85.9191, -64.1155, 31.0177



42.7349, 3.3158, -1.0175



37.4059, 71.7666, -35.5783



11.7135, 22.5390, -11.6506

Previews

White Background



This preview shows how the HunterLab color 51.7214, 99.1906, -48.8736 looks on a white background.

Color Contrast Check

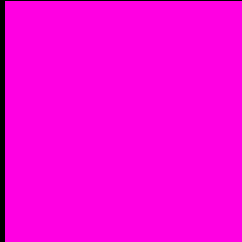
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.7214, 99.1906, -48.8736 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 51.7214, 99.1906, -48.8736 Background



This preview shows how black text looks on a background with the HunterLab color 51.7214, 99.1906, -48.8736.



This preview shows how white text looks on a background with the HunterLab color 51.7214, 99.1906, -48.8736.

-48.8736.

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

51.7214, 99.1906, -48.8736

Protanopia

52.5514, 13.4301, -74.1220

Deuteranopia

52.4204, 3.9910, -38.0789



Tritanopia

51.9688, 55.2201, 20.9082

Trichromacy



Original Color

51.7214, 99.1906, -48.8736



Protanomaly

44.4006, 50.3487, -86.0483



Deuteranomaly

44.8426, 46.0573, -58.3572



Tritanomaly

49.6522, 73.8176, 1.3292

Monochromacy



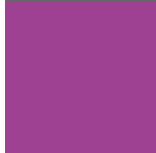
Original Color

51.7214, 99.1906, -48.8736



Achromatopsia

36.4511, -1.9449, 1.9805



Achromatomaly

36.2716, 41.1364, -22.0509

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.7214, 99.1906, -48.8736 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 226) }
```

Border

The CSS property to change the border of an element to HunterLab 51.7214, 99.1906, -48.8736 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, 226) }
```


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

```
.border{ border-color:rgb(255, 0, 226) }
```

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, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
226) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.7214, 99.1906, -48.8736 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, 226) }
```

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

```
.background{ background-color: rgb(255, 0,  
226) }
```

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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