

Converting Colors

HunterLab(49.9477, 99.9916,
-79.7753)

Have a look what the booklet for
HunterLab(49.9477, 99.9916,
-79.7753) contains.

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Color

**HunterLab(49.8820, 99.8982,
-79.9652)**

Conversions

Conversions Part 1

Format	Color
Hex	EB00FF
RGB	235, 0, 255
RGB Percent	92%, 0%, 100%
CMY	0.0784, 0.9999, 0.0000
CMYK	0.08, 1.00, 0.00, 0.00
HSL	295°, 100%, 50%
HSV	295°, 100%, 100%
XYZ	52.3109, 24.8821, 96.6533
YIQ	99.3350, 58.2050, 129.1250

Conversions

Conversions Part 2

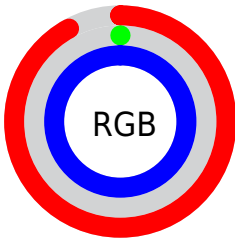
Format	Color
R_{YB}	235, 0, 255
Decimal	15401215
CIE _{Lab}	56.96, 95.27, -66.42
CIE _{LCh}	57, 116.133, 325.117
Yxy	24.8832, 0.3009, 0.1431
Android (android.graphics.Color)	4293591295 (0xFFEB00FF)
YUV	99.3350, 76.7428, 118.9782
Hunter-Lab	49.8820, 99.8982, -79.9652

Details

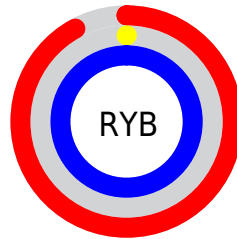
The HunterLab color **49.8820, 99.8982, -79.9652** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **84.6576, -72.1411, 50.9020**, and the grayscale version is **35.1618, -1.8761, 1.9104**.

A 20% lighter version of the original color is **61.6301, 77.6309, -51.6802**, and **36.0969, 72.9845, -63.2430** is the 20% darker color. If you saturate the color by 10%, you get **49.8819, 99.8981, -79.9655**, and if you desaturate by 10%, it is **50.9344, 97.7772, -77.0305**.

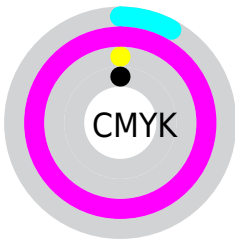
Distribution



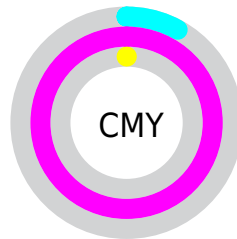
- Red (92%)
- Green (0%)
- Blue (100%)



- Red (92%)
- Yellow (0%)
- Blue (100%)



- Cyan (8%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8820, 99.8982, -79.9652 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 49.8820, 99.8982, -79.9652 by changing the saturation by 10% instead.

49.8820, 99.8982,
-79.9652

49.8820, 99.8982,
-79.9652

166.5100,
122.3423, -86.6064

39.9876, 97.3240,
-80.1094

71.7410, 105.2576,
-80.8243

30.8498, 95.0278,
-81.0513

83.6229, 107.9128,
-81.5387

22.5388, 93.3810,
-83.4990

96.0967, 110.5101,
-82.3404

15.1469, 93.2947,
-89.1356

109.1356,
113.0364, -83.1876

8.7788, 97.9374,
-103.3531

122.7161,
115.4846, -84.0533

0.0000, INF, -NF

0.0000, NaN, -NF

136.8174,

117.8518, -84.9192

0.0000, NaN, -NF

151.4210,
120.1375, -85.7731

■ 49.8820, 99.8982,
-79.9652

■ 49.8820, 99.8982,
-79.9652

■ 49.8819, 99.8981,
-79.9655

■ 50.9344, 97.7772,
-77.0305

■ 52.8598, 92.6570,
-71.9223

■ 55.8245, 84.3985,
-64.6045

■ 59.8199, 73.6586,
-55.6193

■ 64.7685, 61.2880,
-45.6222

■ 70.5604, 48.0491,
-35.1761

■ 77.0801, 34.4957,
-24.6720

■ 84.2205, 20.9718,
-14.3390

■ 91.8896, 7.6624,
-4.2877

Harmonies

Analogous

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



49.8831, 43.6954, -164.3504



49.8820, 99.8982, -79.9652



49.8831, 129.3382, -5.4894

Triad

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



49.8831, 99.8960, -79.9623



49.8831, 5.5705, 34.9182



49.8831, -62.3350, -51.9138

Complementary

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



49.8820, 99.8982, -79.9652



84.6576, -72.1411, 50.9020

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.



49.8831, -65.9248, 9.7266



49.8820, 99.8982, -79.9652



49.8831, -36.5485, 34.9182

Square

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



49.8831, 99.8960, -79.9623



49.8831, 63.0769, 34.6736



49.8831, -58.6290, 31.5314



49.8831, -45.7574, -139.8401

Rectangle

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



49.8820, 99.8982, -79.9652



49.8831, 123.9495, 20.8238



49.8831, -58.6290, 31.5314



49.8831, -64.7435, -26.5926

Sweetspot

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



49.8831, 99.8960, -79.9623



77.0713, 34.5131, -24.6854



27.8691, 68.5914, -182.8989



34.3474, 18.6166, -13.4646

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.8831, 99.8960, -79.9623



49.8819, 99.8981, -79.9655



48.3974, 87.3461, -3.3607



42.6891, 3.2511, -1.7629



36.0996, 72.2719, -57.6817



11.3556, 22.6815, -17.7366

Inverse Universe

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



46.1642, 79.1633, 28.9802



46.1633, 79.1655, 28.9815



85.1859, -68.6618, 41.7475



42.4384, 1.7251, 3.2029



33.3816, 57.2703, 20.7695



10.4527, 18.0053, 5.9417

Previews

White Background



This preview shows how the HunterLab color 49.8820, 99.8982, -79.9652 looks on a white background.

Color Contrast Check

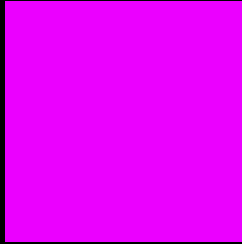
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.8820, 99.8982, -79.9652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

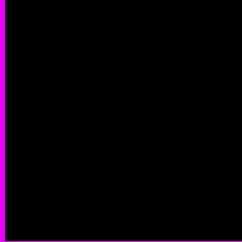
Any Text WCAG AA ✓ Pass

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 49.8820, 99.8982, -79.9652 Background



This preview shows how black text looks on a background with the HunterLab color 49.8820, 99.8982, -79.9652.



This preview shows how white text looks on a background with the HunterLab color 49.8820, 99.8982, -79.9652.

-79.9652.

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

49.8820, 99.8982, -79.9652

Protanopia

50.6438, 14.4600, -79.3002

Deuteranopia

50.5379, 5.0936, -65.4843



Tritanopia

49.9275, 40.7123, 14.9595

Trichromacy



Original Color

49.8820, 99.8982, -79.9652



Protanomaly

43.0608, 51.7328, -102.8251



Deuteranomaly

41.9107, 44.7039, -95.6005



Tritanomaly

46.9971, 65.9073, -12.4245

Monochromacy



Original Color

49.8820, 99.8982, -79.9652



Achromatopsia

35.3231, -1.8847, 1.9192



Achromatomaly

35.0017, 40.6960, -30.9975

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8820, 99.8982, -79.9652 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(235, 0, 255)` looks like.

```
.text, #text, p{  
    color:rgb(235, 0, 255)  
}
```

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(235, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 0, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8820, 99.8982, -79.9652 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(235, 0, 255) }
```


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

```
.border{ border-color:rgb(235, 0, 255) }
```

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

Here you see how a box with a 4 pixel rgb(235, 0, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(235, 0,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8820, 99.8982, -79.9652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 0, 255) }
```

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

```
.background{ background-color: rgb(235, 0,  
255) }
```

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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