

Converting Colors

HunterLab(20.8483, 48.8654,
-88.5533)

Have a look what the booklet for
HunterLab(20.8483, 48.8654,
-88.5533) contains.

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Color

**HunterLab(20.9114, 48.9769,
-88.5442)**

Conversions

Conversions Part 1

Format	Color
Hex	4E00A6
RGB	78, 0, 166
RGB Percent	31%, 0%, 65%
CMY	0.6941, 1.0000, 0.3490
CMYK	0.53, 1.00, 0.00, 0.35
HSL	268°, 100%, 33%
HSV	268°, 100%, 65%
XYZ	10.0248, 4.3729, 36.3920
YIQ	42.2460, -6.7980, 68.1620

Conversions

Conversions Part 2

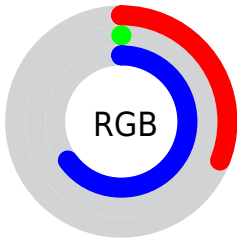
Format	Color
RYB	78, 0, 166
Decimal	5111974
CIELab	24.87, 60.08, -68.33
CIELCh	25, 90.993, 311.324
Yxy	4.3731, 0.1974, 0.0861
Android (android.graphics.Color)	4283302054 (0xFF4E00A6)
YUV	42.2460, 61.0107, 31.3563
Hunter-Lab	20.9114, 48.9769, -88.5442

Details

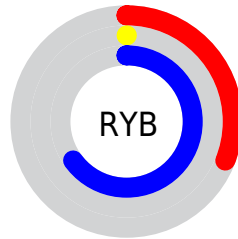
The HunterLab color **20.9114, 48.9769, -88.5442** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **54.1729, -36.6115, 32.7401**, and the grayscale version is **15.1059, -0.8060, 0.8207**.

A 20% lighter version of the original color is **37.9116, 53.2068, -83.7845**, and **10.9190, 29.6179, -77.5844** is the 20% darker color. If you saturate the color by 10%, you get **20.9118, 48.9774, -88.5421**, and if you desaturate by 10%, it is **22.7125, 46.6201, -79.3645**.

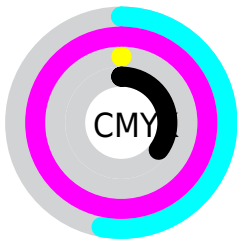
Distribution



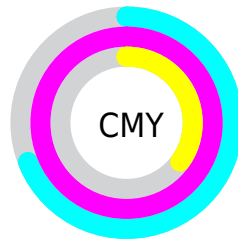
- Red (31%)
- Green (0%)
- Blue (65%)



- Red (31%)
- Yellow (0%)
- Blue (65%)



- Cyan (53%)
- Magenta (100%)
- Yellow (0%)
- Black (35%)



- Cyan (69%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.9114, 48.9769, -88.5442 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 20.9114, 48.9769, -88.5442 by changing the saturation by 10% instead.

20.9114, 48.9769,
-88.5442

20.9114, 48.9769,
-88.5442

119.8297, 65.7298,
-87.1965

13.7272, 47.2106,
-95.9737

38.0101, 53.1960,
-83.8501

7.3413, 49.5922,
-119.6300

47.7519, 55.2757,
-83.4398

0.0000, INF, -NF

0.0000, NaN, -NF

58.2077, 57.2675,
-83.5834

0.0000, NaN, -NF

69.3316, 59.1592,
-84.0512

0.0000, NaN, -NF

81.0858, 60.9484,
-84.7122

0.0000, NaN, NaN

0.0000, NaN, NaN

93.4381, 62.6372,

-85.4872

0.0000, NaN, NaN

106.3608, 64.2294,
-86.3262

20.9114, 48.9769,
-88.5442

20.9114, 48.9769,
-88.5442

20.9118, 48.9774,
-88.5421

22.7125, 46.6201,
-79.3645

25.1344, 42.7609,
-68.8653

28.2569, 37.5411,
-57.6283

31.9698, 31.6605,
-46.6522

36.1627, 25.5762,
-36.4175

■ 40.7437, 19.5231,
-27.0505

■ 45.6410, 13.5984,
-18.5033

■ 50.8005, 7.8274,
-10.6653

■ 56.1811, 2.2027,
-3.4157

Harmonies

Analogous

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



20.9118, 10.8108, -142.4855



20.9114, 48.9769, -88.5442



20.9118, 80.6121, -23.4887

Triad

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



20.9118, 48.9774, -88.5421



20.9118, 19.5607, 14.6383



20.9118, -32.8513, -11.9556

Complementary

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



20.9114, 48.9769, -88.5442



54.1729, -36.6115, 32.7401

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.



20.9118, -32.2221, 11.9149



20.9114, 48.9769, -88.5442



20.9118, -10.8547, 14.6383

Square

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



20.9118, 48.9774, -88.5421



20.9118, 58.2593, 14.6383



20.9118, -26.4459, 14.6383



20.9118, -28.4600, -71.2151

Rectangle

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



20.9114, 48.9769, -88.5442



20.9118, 87.1177, 2.3112



20.9118, -26.4459, 14.6383



20.9118, -33.2154, -0.1068

Sweetspot

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



20.9118, 48.9774, -88.5421



61.1092, 18.7591, -25.5425



31.3377, 4.4922, -48.8668



27.6239, 10.3965, -14.2445



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



20.9118, 48.9774, -88.5421



27.9515, 65.7438, -120.5099



32.0546, 63.4833, -45.8658



27.3256, 0.8751, -1.4126



18.4891, 43.2099, -77.5610



3.3735, 7.3169, -9.7559

Inverse Universe

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



29.6842, 53.2084, 0.7838



39.9361, 71.4853, 1.8253



52.2573, -44.6350, 31.4193



27.5795, 1.5139, 0.6236



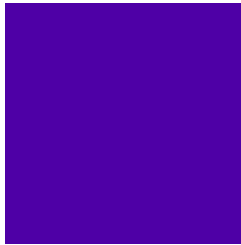
26.1580, 46.9212, 0.4312



4.2034, 7.7631, -1.6605

Previews

White Background



This preview shows how the HunterLab color 20.9114, 48.9769, -88.5442 looks on a white background.

Color Contrast Check

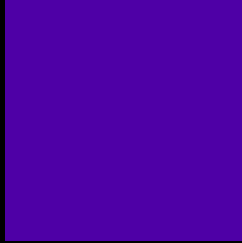
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 20.9114, 48.9769, -88.5442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

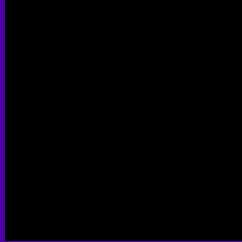
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 20.9114, 48.9769, -88.5442 Background



This preview shows how black text looks on a background with the HunterLab color 20.9114, 48.9769, -88.5442.



This preview shows how white text looks on a background with the HunterLab color 20.9114, 48.9769, -88.5442.

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

20.9114, 48.9769, -88.5442

Protanopia

21.7671, 6.0403, -40.2463

Deuteranopia

21.7447, -1.2180, -24.5497



Tritanopia

22.0254, -4.3871, -2.1027

Trichromacy



Original Color

20.9114, 48.9769, -88.5442

Protanomaly

18.8579, 23.6001, -67.1945

Deuteranomaly

18.4154, 17.8675, -54.0904

Tritanomaly

18.8032, 15.9492, -30.2754

Monochromacy



Original Color

20.9114, 48.9769, -88.5442

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.1136, 17.1059, -25.7602

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.9114, 48.9769, -88.5442 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(78, 0, 166)` looks like.

```
.text, #text, p{  
    color:rgb(78, 0, 166)  
}
```

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(78, 0, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 0, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 20.9114, 48.9769, -88.5442 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(78, 0, 166) }
```


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

```
.border{ border-color:rgb(78, 0, 166) }
```

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

Here you see how a box with a 4 pixel rgb(78, 0, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 0, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 0, 166);  
box-shadow:4px 4px 4px 4px rgb(78, 0, 166)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.9114, 48.9769, -88.5442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 0, 166) }
```

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

```
.background{ background-color: rgb(78, 0,  
166) }
```

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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