

Converting Colors

HunterLab(21.4046, 50.3655,
-92.4430)

Have a look what the booklet for
HunterLab(21.4046, 50.3655,
-92.4430) contains.

HunterLab(21.4535, 50.4447, -92.3754)	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(21.4535, 50.4447,
-92.3754)**

Conversions

Conversions Part 1

Format	Color
Hex	4F00AB
RGB	79, 0, 171
RGB Percent	31%, 0%, 67%
CMY	0.6902, 1.0000, 0.3294
CMYK	0.54, 1.00, 0.00, 0.33
HSL	268°, 100%, 34%
HSV	268°, 100%, 67%
XYZ	10.5751, 4.6025, 38.8590
YIQ	43.1150, -7.8070, 69.9290

Conversions

Conversions Part 2

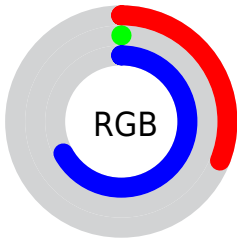
Format	Color
RYB	79, 0, 171
Decimal	5177515
CIELab	25.57, 61.30, -70.19
CIElCh	26, 93.189, 311.132
Yxy	4.6027, 0.1957, 0.0852
Android (android.graphics.Color)	4283367595 (0xFF4F00AB)
YUV	43.1150, 63.0473, 31.4711
Hunter-Lab	21.4535, 50.4447, -92.3754

Details

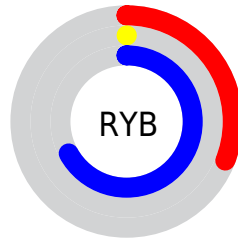
The HunterLab color **21.4535, 50.4447, -92.3754** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **56.0366, -37.6170, 33.8709**, and the grayscale version is **15.3830, -0.8208, 0.8358**.

A 20% lighter version of the original color is **38.7128, 54.8984, -87.5970**, and **11.3329, 30.7406, -80.5253** is the 20% darker color. If you saturate the color by 10%, you get **21.4540, 50.4452, -92.3732**, and if you desaturate by 10%, it is **23.3001, 48.0647, -82.8408**.

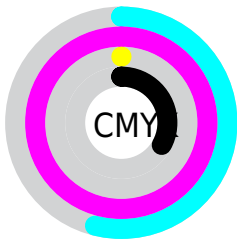
Distribution



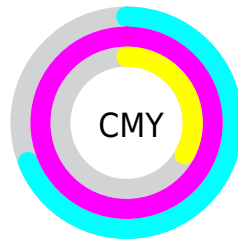
- Red (31%)
- Green (0%)
- Blue (67%)



- Red (31%)
- Yellow (0%)
- Blue (67%)



- Cyan (54%)
- Magenta (100%)
- Yellow (0%)
- Black (33%)



- Cyan (69%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4535, 50.4447, -92.3754 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 21.4535, 50.4447, -92.3754 by changing the saturation by 10% instead.

■ 21.4535, 50.4447,
-92.3754

■ 21.4535, 50.4447,
-92.3754

120.7970, 67.4456,
-90.5187

■ 14.1990, 48.6606,
-100.0608

■ 38.6708, 54.7045,
-87.3701

■ 7.8537, 49.7187,
-121.7272

■ 48.4645, 56.8098,
-86.8755

0.0000, INF, -NF

0.0000, NaN, -NF

■ 58.9687, 58.8296,
-86.9637

0.0000, NaN, -NF

■ 70.1381, 60.7508,
-87.3967

0.0000, NaN, -NF

■ 81.9353, 62.5704,
-88.0379

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.3286, 64.2902,

-88.8040

0.0000, NaN, NaN

107.2904, 65.9138,
-89.6424

21.4535, 50.4447,
-92.3754

21.4535, 50.4447,
-92.3754

21.4540, 50.4452,
-92.3732

23.3001, 48.0647,
-82.8408

25.8058, 44.0788,
-71.8470

29.0439, 38.6782,
-60.0772

32.8977, 32.5988,
-48.5955

37.2511, 26.3172,
-37.9079

■ 42.0076, 20.0761,
-28.1428

■ 47.0922, 13.9738,
-19.2451

■ 52.4484, 8.0341,
-11.0948

■ 58.0337, 2.2483,
-3.5628

Harmonies

Analogous

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



21.4540, 10.9557, -148.2085



21.4535, 50.4447, -92.3754



21.4540, 83.3738, -24.6774

Triad

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



21.4540, 50.4452, -92.3732



21.4540, 20.4810, 15.0178



21.4540, -33.7287, -12.0989

Complementary

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



21.4535, 50.4447, -92.3754



56.0366, -37.6170, 33.8709

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.



21.4540, -33.0677, 12.3219



21.4535, 50.4447, -92.3754



21.4540, -11.0458, 15.0178

Square

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



21.4540, 50.4452, -92.3732



21.4540, 60.5695, 15.0178



21.4540, -27.1792, 15.0178



21.4540, -29.3519, -73.4211

Rectangle

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



21.4535, 50.4447, -92.3754



21.4540, 90.2703, 2.2076



21.4540, -27.1792, 15.0178



21.4540, -34.0811, 0.0732

Sweetspot

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



21.4540, 50.4452, -92.3732



62.6510, 19.1283, -26.3600



33.0977, 3.3333, -48.5648



28.2516, 10.6019, -14.6991



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



21.4540, 50.4452, -92.3732



28.4953, 67.2783, -124.8353



32.6633, 64.9384, -48.6721



28.1633, 0.8948, -1.4777



18.7095, 43.8874, -79.7442



3.6074, 7.8870, -10.9190

Inverse Universe

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



30.7093, 55.1064, 0.3408



41.0443, 73.5552, 1.2071



54.0195, -46.0592, 32.4802



28.4336, 1.5847, 0.6126



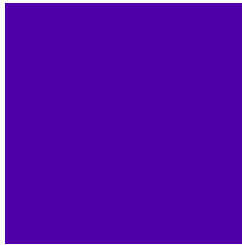
26.6833, 47.9190, 0.0099



4.5713, 8.4279, -1.6926

Previews

White Background



This preview shows how the HunterLab color 21.4535, 50.4447, -92.3754 looks on a white background.

Color Contrast Check

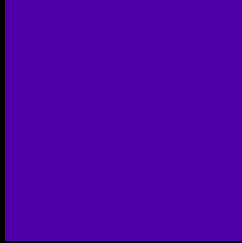
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4535, 50.4447, -92.3754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

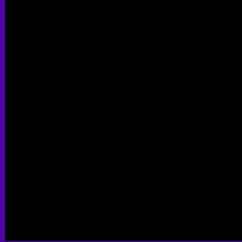
Any Text WCAG AA × Fail

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 21.4535, 50.4447, -92.3754 Background



This preview shows how black text looks on a background with the HunterLab color 21.4535, 50.4447, -92.3754.



This preview shows how white text looks on a background with the HunterLab color 21.4535, 50.4447, -92.3754.

-92.3754.

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

21.4535, 50.4447, -92.3754

Protanopia

22.1866, 6.4785, -41.7166

Deuteranopia

22.1504, -0.8494, -25.8523



Tritanopia

22.5533, -5.0467, -2.3085

Trichromacy



Original Color

21.4535, 50.4447, -92.3754

Protanomaly

19.3025, 24.1679, -68.7293

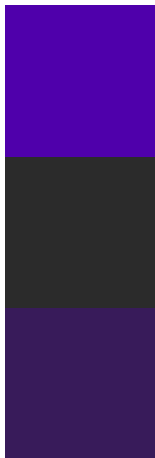
Deuteranomaly

18.7431, 19.2408, -57.1680

Tritanomaly

19.3398, 15.7583, -31.3013

Monochromacy



Original Color

21.4535, 50.4447, -92.3754

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.3714, 18.0203, -27.5225

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.4535, 50.4447, -92.3754 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(79, 0, 171)` looks like.

```
.text, #text, p{  
    color:rgb(79, 0, 171)  
}
```

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(79, 0, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 0, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 21.4535, 50.4447, -92.3754 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(79, 0, 171) }
```


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

```
.border{ border-color:rgb(79, 0, 171) }
```

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

Here you see how a box with a 4 pixel rgb(79, 0, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 0, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 0, 171);  
box-shadow:4px 4px 4px 4px rgb(79, 0, 171)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.4535, 50.4447, -92.3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 0, 171) }
```

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

```
.background{ background-color: rgb(79, 0,  
171) }
```

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