

Converting Colors

HunterLab(21.0368, 50.9168,
-101.8362)

Have a look what the booklet for
HunterLab(21.0368, 50.9168,
-101.8362) contains.

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Color

**HunterLab(21.0634, 50.9530,
-101.7460)**

Conversions

Conversions Part 1

Format	Color
Hex	4600B0
RGB	70, 0, 176
RGB Percent	27%, 0%, 69%
CMY	0.7255, 1.0000, 0.3098
CMYK	0.60, 1.00, 0.00, 0.31
HSL	264°, 100%, 35%
HSV	264°, 100%, 69%
XYZ	10.3622, 4.4367, 41.3844
YIQ	40.9940, -14.7760, 69.5760

Conversions

Conversions Part 2

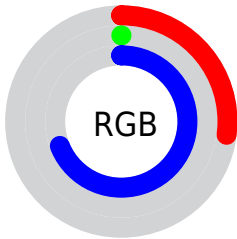
Format	Color
RYB	70, 0, 176
Decimal	4587696
CIELab	25.07, 61.85, -74.07
CIELCh	25, 96.500, 309.864
Yxy	4.4369, 0.1844, 0.0790
Android (android.graphics.Color)	4282777776 (0xFF4600B0)
YUV	40.9940, 66.5580, 25.4383
Hunter-Lab	21.0634, 50.9530, -101.7460

Details

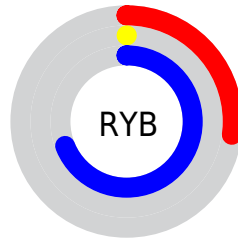
The HunterLab color **21.0634, 50.9530, -101.7460** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **58.4077, -36.6032, 35.3497**, and the grayscale version is **14.6838, -0.7835, 0.7978**.

A 20% lighter version of the original color is **38.1698, 55.3243, -95.2583**, and **11.8539, 32.1536, -84.2267** is the 20% darker color. If you saturate the color by 10%, you get **21.0639, 50.9535, -101.7432**, and if you desaturate by 10%, it is **22.9919, 48.3154, -90.9065**.

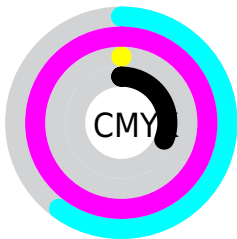
Distribution



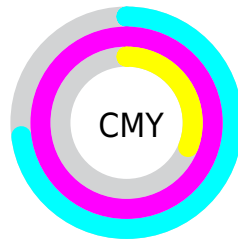
- Red (27%)
- Green (0%)
- Blue (69%)



- Red (27%)
- Yellow (0%)
- Blue (69%)



- Cyan (60%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)



- Cyan (73%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0634, 50.9530, -101.7460 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 21.0634, 50.9530, -101.7460 by changing the saturation by 10% instead.

■ 21.0634, 50.9530,
-101.7460

■ 21.0634, 50.9530,
-101.7460

■ 120.1016, 68.1079,
-97.4247

■ 13.8594, 49.2121,
-111.3552

■ 38.1957, 55.2196,
-95.1588

■ 7.4890, 51.3672,
-139.7104

■ 47.9521, 57.3422,
-94.3070

0.0000, INF, -NF

0.0000, NaN, -NF

■ 58.4215, 59.3823,
-94.1695

0.0000, NaN, -NF

■ 69.5582, 61.3251,
-94.4599

0.0000, NaN, -NF

■ 81.3246, 63.1669,
-95.0139

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.6884, 64.9088,

-95.7315

0.0000, NaN, NaN

106.6221, 66.5544,
-96.5490

21.0634, 50.9530,
-101.7460

21.0634, 50.9530,
-101.7460

21.0639, 50.9535,
-101.7432

22.9919, 48.3154,
-90.9065

25.6574, 43.9968,
-78.3360

29.1135, 38.3078,
-65.0383

33.2211, 32.0521,
-52.2741

37.8487, 25.7062,
-40.5709

■ 42.8907, 19.4861,
-30.0090

■ 48.2677, 13.4623,
-20.4760

■ 53.9206, 7.6374,
-11.8052

■ 59.8059, 1.9882,
-3.8332

Harmonies

Analogous

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



21.0639, 9.8518, -160.1065



21.0634, 50.9530, -101.7460



21.0639, 86.6297, -28.3783

Triad

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



21.0639, 50.9535, -101.7432



21.0639, 23.0078, 14.7447



21.0639, -34.1786, -10.7751

Complementary

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



21.0634, 50.9530, -101.7460



58.4077, -36.6032, 35.3497

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.



21.0639, -33.2535, 12.7773



21.0634, 50.9530, -101.7460



21.0639, -10.2317, 14.7447

Square

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



21.0639, 50.9535, -101.7432



21.0639, 65.1287, 14.7447



21.0639, -27.0220, 14.7447



21.0639, -29.8337, -74.6888

Rectangle

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



21.0634, 50.9530, -101.7460



21.0639, 94.9760, 1.0141



21.0639, -27.0220, 14.7447



21.0639, -34.4736, 1.2781

Sweetspot

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



21.0639, 50.9535, -101.7432



64.6131, 18.5492, -28.2190



37.3799, -2.1161, -42.1537



28.6747, 10.1747, -15.5339



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



21.0639, 50.9535, -101.7432



28.1492, 68.4022, -138.3646



31.8582, 64.3970, -55.6837



28.9647, 0.7772, -1.5976



18.1314, 43.7348, -86.6104



3.7124, 8.3068, -12.7113

Inverse Universe

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



32.0478, 58.1295, -4.4586



43.1064, 78.0921, -5.2551



55.8615, -47.1910, 33.5955



29.3058, 1.7304, 0.4044



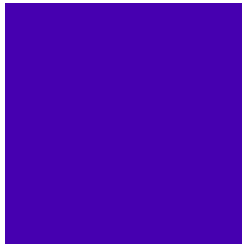
27.4727, 49.8696, -4.1208



4.9860, 9.2510, -2.2999

Previews

White Background



This preview shows how the HunterLab color 21.0634, 50.9530, -101.7460 looks on a white background.

Color Contrast Check

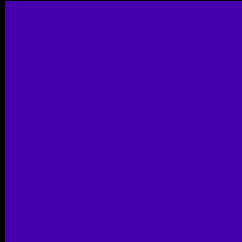
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0634, 50.9530, -101.7460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

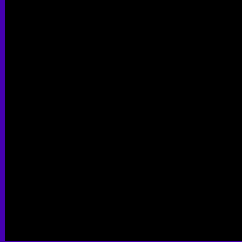
Any Text WCAG AA × Fail

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 21.0634, 50.9530, -101.7460 Background



This preview shows how black text looks on a background with the HunterLab color 21.0634, 50.9530, -101.7460.



This preview shows how white text looks on a background with the HunterLab color 21.0634, 50.9530, -101.7460.

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

21.0634, 50.9530, -101.7460

Protanopia

21.7671, 6.0403, -40.2463

Tritanopia

21.8337, -9.0087, -4.2966

Trichromacy



Original Color

21.0634, 50.9530, -101.7460

Protanomaly

18.9908, 24.3653, -70.2480

Tritanomaly

18.1315, 12.8906, -37.7790

Monochromacy



Original Color

21.0634, 50.9530, -101.7460

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

14.8561, 17.6296, -29.1410

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0634, 50.9530, -101.7460 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(70, 0, 176)` looks like.

```
.text, #text, p{  
    color:rgb(70, 0, 176)  
}
```

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(70, 0, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 0, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0634, 50.9530, -101.7460 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(70, 0, 176) }
```

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

```
.border{ border-color:rgb(70, 0, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 0, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 0, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 0, 176);  
box-shadow:4px 4px 4px 4px rgb(70, 0, 176)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 21.0634, 50.9530, -101.7460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 0, 176) }
```

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

```
.background{ background-color: rgb(70, 0,  
176) }
```

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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