

Converting Colors

HunterLab(21.4074, 50.9894,
-97.2390)

Have a look what the booklet for
HunterLab(21.4074, 50.9894,
-97.2390) contains.

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Color

**HunterLab(21.3351, 50.8603,
-97.2462)**

Conversions

Conversions Part 1

Format	Color
Hex	4B00AE
RGB	75, 0, 174
RGB Percent	29%, 0%, 68%
CMY	0.7059, 1.0000, 0.3176
CMYK	0.57, 1.00, 0.00, 0.32
HSL	266°, 100%, 34%
HSV	266°, 100%, 68%
XYZ	10.5417, 4.5519, 40.3675
YIQ	42.2610, -11.1540, 70.0140

Conversions

Conversions Part 2

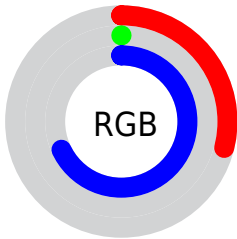
Format	Color
R _Y B	75, 0, 174
Decimal	4915374
CIE Lab	25.42, 61.70, -72.27
CIE LCh	25, 95.026, 310.493
Yxy	4.5521, 0.1901, 0.0821
Android (android.graphics.Color)	4283105454 (0xFF4B00AE)
YUV	42.2610, 64.9473, 28.7121
Hunter-Lab	21.3351, 50.8603, -97.2462

Details

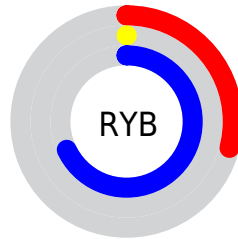
The HunterLab color **21.3351, 50.8603, -97.2462** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **57.3800, -37.3234, 34.7039**, and the grayscale version is **15.0995, -0.8057, 0.8204**.

A 20% lighter version of the original color is **38.6008, 55.1088, -91.3717**, and **11.6450, 31.5871, -82.7428** is the 20% darker color. If you saturate the color by 10%, you get **21.3356, 50.8609, -97.2439**, and if you desaturate by 10%, it is **23.2298, 48.3631, -87.0460**.

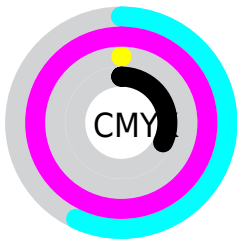
Distribution



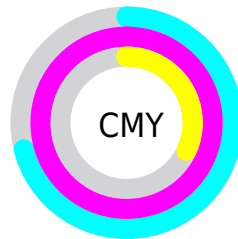
- Red (29%)
- Green (0%)
- Blue (68%)



- Red (29%)
- Yellow (0%)
- Blue (68%)



- Cyan (57%)
- Magenta (100%)
- Yellow (0%)
- Black (32%)



- Cyan (71%)
- Magenta (100%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.3351, 50.8603, -97.2462 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 21.3351, 50.8603, -97.2462 by changing the saturation by 10% instead.

■ 21.3351, 50.8603,
-97.2462

■ 21.3351, 50.8603,
-97.2462

■ 120.5862, 67.9636,
-94.2021

■ 14.0958, 49.0939,
-105.8429

■ 38.5267, 55.1285,
-91.4772

■ 7.7451, 50.4821,
-130.2311

■ 48.3091, 57.2451,
-90.8086

0.0000, INF, -NF

0.0000, NaN, -NF

■ 58.8027, 59.2778,
-90.7869

0.0000, NaN, -NF

■ 69.9623, 61.2126,
-91.1509

0.0000, NaN, -NF

■ 81.7502, 63.0463,
-91.7505

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.1345, 64.7802,

-92.4943

0.0000, NaN, NaN

107.0878, 66.4179,
-93.3242

21.3351, 50.8603,
-97.2462

21.3351, 50.8603,
-97.2462

21.3356, 50.8609,
-97.2439

23.2298, 48.3631,
-87.0460

25.8239, 44.2116,
-75.2532

29.1809, 38.6573,
-62.7052

33.1730, 32.4721,
-50.5622

37.6764, 26.1357,
-39.3433

■ 42.5897, 19.8798,
-29.1553

■ 47.8358, 13.7900,
-19.9157

■ 53.3565, 7.8803,
-11.4819

■ 59.1086, 2.1351,
-3.7078

Harmonies

Analogous

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



21.3356, 10.4398, -154.4977



21.3351, 50.8603, -97.2462



21.3356, 85.2507, -26.5667

Triad

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



21.3356, 50.8609, -97.2439



21.3356, 21.7958, 14.9349



21.3356, -34.0438, -11.4744

Complementary

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



21.3351, 50.8603, -97.2462



57.3800, -37.3234, 34.7039

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.



21.3356, -33.2543, 12.5854



21.3351, 50.8603, -97.2462



21.3356, -10.6783, 14.9349

Square

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



21.3356, 50.8609, -97.2439



21.3356, 63.0118, 14.9349



21.3356, -27.1947, 14.9349



21.3356, -29.7042, -74.2803

Rectangle

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



21.3351, 50.8603, -97.2462



21.3356, 92.8813, 1.6287



21.3356, -27.1947, 14.9349



21.3356, -34.3676, 0.6832

Sweetspot

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



21.3356, 50.8609, -97.2439



64.0404, 19.0021, -27.4548



35.2999, 0.6368, -45.4966



28.7957, 10.5453, -15.3127



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.



21.3356, 50.8609, -97.2439



28.5140, 68.2711, -132.2706



32.3701, 64.8753, -52.2650



28.1419, 0.8224, -1.5064



18.2629, 43.4123, -82.2785



3.5426, 7.8073, -11.2031

Inverse Universe

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



31.4635, 56.7449, -1.8611



42.3213, 76.2291, -1.7423



55.1087, -46.8014, 33.1384



28.4409, 1.6238, 0.5091



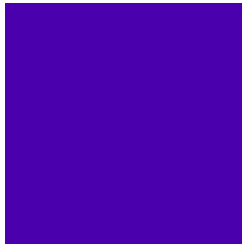
26.8183, 48.4082, -1.9036



4.5910, 8.4984, -1.9646

Previews

White Background



This preview shows how the HunterLab color 21.3351, 50.8603, -97.2462 looks on a white background.

Color Contrast Check

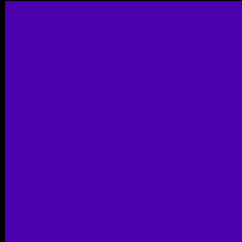
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3351, 50.8603, -97.2462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

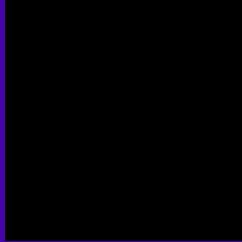
Any Text WCAG AA × Fail

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 21.3351, 50.8603, -97.2462 Background



This preview shows how black text looks on a background with the HunterLab color 21.3351, 50.8603, -97.2462.



This preview shows how white text looks on a background with the HunterLab color 21.3351, 50.8603, -97.2462.

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

21.3351, 50.8603, -97.2462

Protanopia

22.1269, 6.1715, -40.9793

Deuteranopia

22.1014, -1.1172, -25.2131



Tritanopia

22.3391, -7.1533, -3.0896

Trichromacy



Original Color

21.3351, 50.8603, -97.2462

Protanomaly

19.3090, 24.3411, -69.9308

Deuteranomaly

18.7412, 19.3832, -58.3139

Tritanomaly

18.7927, 14.5452, -34.7067

Monochromacy



Original Color

21.3351, 50.8603, -97.2462

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.1866, 17.6027, -28.0978

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.3351, 50.8603, -97.2462 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(75, 0, 174)` looks like.

```
.text, #text, p{  
    color:rgb(75, 0, 174)  
}
```

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(75, 0, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 0, 174) }
```

Border

The CSS property to change the border of an element to HunterLab 21.3351, 50.8603, -97.2462 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(75, 0, 174) }
```


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

```
.border{ border-color:rgb(75, 0, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 0, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 0, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 0, 174);  
box-shadow:4px 4px 4px 4px rgb(75, 0, 174)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.3351, 50.8603, -97.2462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 0, 174) }
```

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

```
.background{ background-color: rgb(75, 0,  
174) }
```

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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