

Converting Colors

HunterLab(21.5744, 4.9157,
-37.5778)

Have a look what the booklet for
HunterLab(21.5744, 4.9157,
-37.5778) contains.

HunterLab(21.5334, 4.8309, -37.3433)	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(21.5334, 4.8309,
-37.3433)**

Conversions

Conversions Part 1

Format	Color
Hex	003C7A
RGB	0, 60, 122
RGB Percent	0%, 24%, 48%
CMY	0.9999, 0.7647, 0.5216
CMYK	1.00, 0.51, 0.00, 0.52
HSL	210°, 100%, 24%
HSV	210°, 100%, 48%
XYZ	5.1287, 4.6369, 19.0371
YIQ	49.1280, -55.6620, 6.5620

Conversions

Conversions Part 2

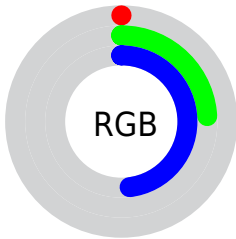
Format	Color
R_{YB}	0, 40, 122
Decimal	15482
CIE Lab	25.67, 9.31, -39.98
CIE LCh	26, 41.053, 283.112
Yxy	4.6370, 0.1781, 0.1610
Android (android.graphics.Color)	4278205562 (0xFF003C7A)
YUV	49.1280, 35.9259, -43.0853
Hunter-Lab	21.5334, 4.8309, -37.3433

Details

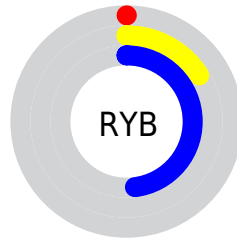
The HunterLab color **21.5334, 4.8309, -37.3433** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **27.5402, 14.9967, 17.2317**, and the grayscale version is **17.4668, -0.9320, 0.9490**.

A 20% lighter version of the original color is **38.8669, 4.9922, -37.8318**, and **9.7303, 9.3054, -32.2497** is the 20% darker color. If you saturate the color by 10%, you get **21.5315, 4.8346, -37.3491**, and if you desaturate by 10%, it is **23.2483, 2.5234, -32.5876**.

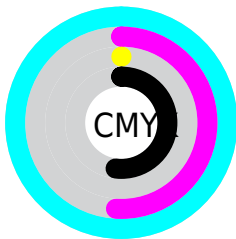
Distribution



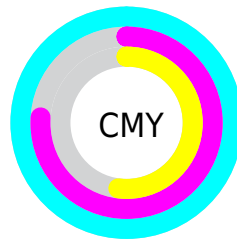
- Red (0%)
- Green (24%)
- Blue (48%)



- Red (0%)
- Yellow (16%)
- Blue (48%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (76%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.5334, 4.8309, -37.3433 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 21.5334, 4.8309, -37.3433 by changing the saturation by 10% instead.

■ 21.5334, 4.8309,
-37.3433

■ 21.5334, 4.8309,
-37.3433

■ 120.9388, 3.8072,
-42.3582

■ 14.2685, 4.5372,
-37.8817

■ 38.7678, 5.0867,
-38.0661

■ 7.9259, 4.6966,
-41.5736

■ 48.5691, 5.0845,
-38.6986

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 59.0803, 5.0113,
-39.3688

0.0000, NaN, NaN

■ 70.2564, 4.8752,
-40.0354

0.0000, NaN, NaN

■ 82.0599, 4.6823,
-40.6767

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.4591, 4.4374,

-41.2812

0.0000, NaN, NaN

107.4267, 4.1446,
-41.8427

21.5334, 4.8309,
-37.3433

21.5334, 4.8309,
-37.3433

21.5315, 4.8346,
-37.3491

23.2483, 2.5234,
-32.5876

25.0825, 0.5336,
-28.0583

27.0670, -1.0093,
-23.6716

29.1884, -2.1338,
-19.4526

31.4335, -2.8799,
-15.4110

■ 33.7897, -3.2909,
-11.5446

■ 36.2456, -3.4081,
-7.8442

■ 38.7914, -3.2694,
-4.2965

■ 41.4184, -2.9082,
-0.8865

Harmonies

Analogous

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



21.5337, -7.9544, -36.3642



21.5334, 4.8309, -37.3433



21.5337, 18.7812, -24.4866

Triad

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



21.5337, 4.8316, -37.3427



21.5337, 20.3561, 11.9255



21.5337, -20.2587, 7.0089

Complementary

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



21.5334, 4.8309, -37.3433



27.5402, 14.9967, 17.2317

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.



21.5337, -15.7341, 12.3203



21.5334, 4.8309, -37.3433



21.5337, 6.6204, 14.1141

Square

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



21.5337, 4.8316, -37.3427



21.5337, 29.0778, 5.9071



21.5337, -6.5427, 14.2489



21.5337, -20.5183, -4.9639

Rectangle

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



21.5334, 4.8309, -37.3433



21.5337, 26.0530, -12.6284



21.5337, -6.5427, 14.2489



21.5337, -19.2461, 9.4036

Sweetspot

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



21.5337, 4.8316, -37.3427



47.8315, -4.5211, -10.7586



37.7575, -29.1900, 15.8206



22.3422, -2.1520, -5.9259



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



21.5337, 4.8316, -37.3427



28.0794, 7.3516, -50.9669



11.8558, 32.1478, -84.2118



20.4663, -1.4074, -0.2851



22.0553, 5.0339, -38.4340



46.3758, 14.5562, -89.3884

Inverse Universe

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



21.1286, 37.7234, 1.6835



27.9743, 49.8600, 2.9360



42.4933, -11.4131, 25.9838



20.1118, 0.9520, 0.5734



21.6747, 38.6951, 1.7848



47.1575, 83.8520, 6.4933

Previews

White Background



This preview shows how the HunterLab color 21.5334, 4.8309, -37.3433 looks on a white background.

Color Contrast Check

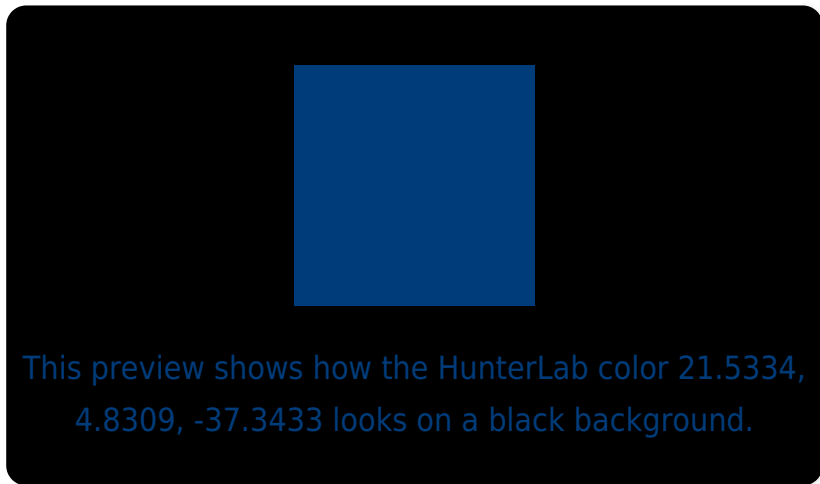
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

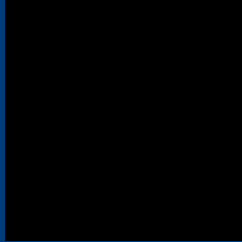
Any Text WCAG AA × Fail

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 21.5334, 4.8309, -37.3433 Background



This preview shows how black text looks on a background with the HunterLab color 21.5334, 4.8309, -37.3433.



This preview shows how white text looks on a background with the HunterLab color 21.5334, 4.8309,

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

21.5334, 4.8309, -37.3433

Protanopia

21.6309, 6.2616, -36.1435

Deuteranopia

21.5850, -0.2478, -26.4446



Tritanopia

21.4832, -10.4281, -4.3408

Trichromacy



Original Color

21.5334, 4.8309, -37.3433

Protanomaly

21.4517, 5.6976, -36.6781

Deuteranomaly

21.5874, 1.5802, -30.3936

Tritanomaly

21.2977, -5.6017, -14.5279

Monochromacy



Original Color

21.5334, 4.8309, -37.3433

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

18.3284, -1.4683, -10.8501

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.5334, 4.8309, -37.3433 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(0, 60, 122)` looks like.

```
.text, #text, p{  
    color:rgb(0, 60, 122)  
}
```

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(0, 60, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 60, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 21.5334, 4.8309, -37.3433 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(0, 60, 122) }
```


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

```
.border{ border-color:rgb(0, 60, 122) }
```

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

Here you see how a box with a 4 pixel rgb(0, 60, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 60, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 60, 122);  
box-shadow:4px 4px 4px 4px rgb(0, 60, 122)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.5334, 4.8309, -37.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 60, 122) }
```

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

```
.background{ background-color: rgb(0, 60,  
122) }
```

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