

Converting Colors

HunterLab(33.3550, -1.5990,
-31.5188)

Have a look what the booklet for
HunterLab(33.3550, -1.5990,
-31.5188) contains.

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Color

**HunterLab(33.4321, -1.7852,
-31.3537)**

Conversions

Conversions Part 1

Format	Color
Hex	256197
RGB	37, 97, 151
RGB Percent	15%, 38%, 59%
CMY	0.8549, 0.6196, 0.4078
CMYK	0.75, 0.36, 0.00, 0.41
HSL	208°, 61%, 37%
HSV	208°, 75%, 59%
XYZ	10.6235, 11.1771, 30.8756
YIQ	85.2160, -53.0940, 4.0740

Conversions

Conversions Part 2

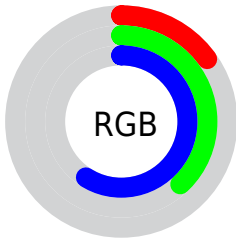
Format	Color
R_{YB}	37, 76, 151
Decimal	2449815
CIE Lab	39.88, 0.00, -35.06
CIE LCh	40, 35.055, 270.002
Yxy	11.1774, 0.2017, 0.2122
Android (android.graphics.Color)	4280639895 (0xFF256197)
YUV	85.2160, 32.4315, -42.2854
Hunter-Lab	33.4321, -1.7852, -31.3537

Details

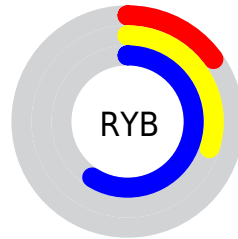
The HunterLab color **33.4321, -1.7852, -31.3537** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **37.6781, 13.8350, 20.7041**, and the grayscale version is **30.1191, -1.6071, 1.6364**.

A 20% lighter version of the original color is **52.8397, -2.5727, -33.0061**, and **18.1322, 2.5673, -28.2057** is the 20% darker color. If you saturate the color by 10%, you get **31.1298, 0.3300, -36.5760**, and if you desaturate by 10%, it is **35.9152, -3.3426, -26.2615**.

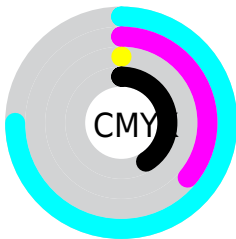
Distribution



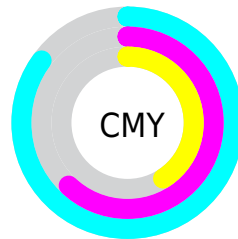
- Red (15%)
- Green (38%)
- Blue (59%)



- Red (15%)
- Yellow (30%)
- Blue (59%)



- Cyan (75%)
- Magenta (36%)
- Yellow (0%)
- Black (41%)



- Cyan (85%)
- Magenta (62%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.4321, -1.7852, -31.3537 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 33.4321, -1.7852, -31.3537 by changing the saturation by 10% instead.

■ 33.4321, -1.7852,
-31.3537

■ 33.4321, -1.7852,
-31.3537

■ 141.0251, -7.5308,
-35.9433

■ 24.8723, -1.3276,
-30.8530

■ 52.9035, -2.8246,
-32.5888

■ 17.2008, -0.9180,
-30.6621

■ 63.6991, -3.4011,
-33.2014

■ 10.5366, -0.5622,
-31.3563

■ 75.1432, -4.0123,
-33.7785

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 87.2007, -4.6562,
-34.3110

0.0000, NaN, -NF

■ 99.8419, -5.3314,
-34.7947

0.0000, NaN, NaN

■ 113.0411, -6.0363,

0.0000, NaN, NaN

-35.2279

0.0000, NaN, NaN

126.7755, -6.7698,
-35.6105

■ 33.4321, -1.7852,
-31.3537

■ 33.4321, -1.7852,
-31.3537

■ 31.1298, 0.3300,
-36.5760

■ 35.9152, -3.3426,
-26.2615

■ 29.0142, 3.0020,
-41.8988

■ 38.5630, -4.3811,
-21.3294

■ 28.0970, 4.2969,
-44.3945

■ 41.3613, -4.9496,
-16.5695

■ 44.2958, -5.1004,
-11.9835

■ 47.3536, -4.8836,
-7.5649

■ 50.5231, -4.3450,
-3.3028

■ 53.7940, -3.5252,
0.8162

■ 57.1574, -2.4593,
4.8063

■ 60.6056, -1.1775,
8.6814

Harmonies

Analogous

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



33.4326, -13.2892, -25.6896



33.4321, -1.7852, -31.3537



33.4326, 11.5218, -25.6881

Triad

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



33.4326, -1.7848, -31.3529



33.4326, 22.4798, 11.5872



33.4326, -20.6449, 11.5862

Complementary

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



33.4321, -1.7852, -31.3537



37.6781, 13.8350, 20.7041

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.



33.4326, -13.2905, 16.4691



33.4321, -1.7852, -31.3537



33.4326, 11.5200, 16.4695

Square

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



33.4326, -1.7848, -31.3529



33.4326, 26.7610, 1.8207



33.4326, -1.7866, 17.8470



33.4326, -23.1228, 1.8190

Rectangle

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



33.4321, -1.7852, -31.3537



33.4326, 19.3817, -17.1416



33.4326, -1.7866, 17.8470



33.4326, -18.7220, 13.6977

Sweetspot

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



33.4326, -1.7848, -31.3529



64.2201, -6.4220, -8.9488



48.2374, -33.7783, 17.1870



29.9484, -3.1465, -5.1946



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



33.4326, -1.7848, -31.3529



39.5613, 3.0004, -54.1515



20.4950, 26.2800, -71.6106



25.5682, -1.8791, -0.3454



26.0257, 3.7572, -40.6404



4.1723, -1.1463, -2.7406

Inverse Universe

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



29.6075, 42.1294, -3.6661



36.5625, 62.8296, -1.0905



52.5765, -12.0160, 30.2126



25.0485, 1.3292, 0.5889



24.6761, 44.2518, 0.4933



3.1366, 5.8404, -1.6073

Previews

White Background



This preview shows how the HunterLab color 33.4321, -1.7852, -31.3537 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 × Fail

Black Background



This preview shows how the HunterLab color 33.4321, -1.7852, -31.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

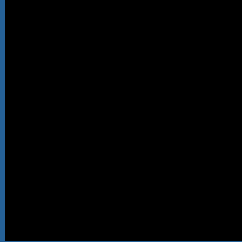
Any Text WCAG AA × Fail

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 33.4321, -1.7852, -31.3537 Background



This preview shows how black text looks on a background with the HunterLab color 33.4321, -1.7852, -31.3537.



This preview shows how white text looks on a background with the HunterLab color 33.4321, -1.7852, -31.3537.

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

33.4321, -1.7852, -31.3537

Protanopia

33.3857, 4.4675, -27.6439

Deuteranopia

33.4245, 2.4685, -32.0544



Tritanopia

33.2723, -15.9789, -7.0936

Trichromacy



Original Color

33.4321, -1.7852, -31.3537

Protanomaly

33.3229, 1.7410, -29.2854

Deuteranomaly

33.3609, 0.8764, -32.2217

Tritanomaly

33.0141, -11.3543, -15.3044

Monochromacy



Original Color

33.4321, -1.7852, -31.3537

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

30.7861, -3.3362, -8.9517

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4321, -1.7852, -31.3537 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(37, 97, 151)` looks like.

```
.text, #text, p{  
    color:rgb(37, 97, 151)  
}
```

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(37, 97, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 97, 151) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4321, -1.7852, -31.3537 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(37, 97, 151) }
```


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

```
.border{ border-color:rgb(37, 97, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 97, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 97, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 97, 151);  
box-shadow:4px 4px 4px 4px rgb(37, 97,  
151) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.4321, -1.7852, -31.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 97, 151) }
```

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

```
.background{ background-color: rgb(37, 97,  
151) }
```

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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