

Converting Colors

HunterLab(34.0089, 36.2664,
-95.2450)

Have a look what the booklet for
HunterLab(34.0089, 36.2664,
-95.2450) contains.

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Color

**HunterLab(33.9831, 36.2081,
-95.3512)**

Conversions

Conversions Part 1

Format	Color
Hex	4C4ADB
RGB	76, 74, 219
RGB Percent	30%, 29%, 86%
CMY	0.7019, 0.7098, 0.1412
CMYK	0.65, 0.66, 0.00, 0.14
HSL	241°, 67%, 57%
HSV	241°, 66%, 86%
XYZ	18.2154, 11.5485, 68.2868
YIQ	91.1280, -45.3530, 45.5190

Conversions

Conversions Part 2

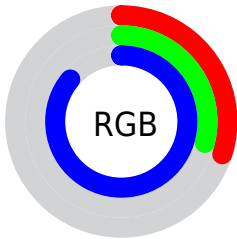
Format	Color
R_{YB}	76, 74, 219
Decimal	4999899
CIE _{Lab}	40.49, 44.79, -73.80
CIE _{LCh}	40, 86.325, 301.252
Yxy	11.5488, 0.1858, 0.1178
Android (android.graphics.Color)	4283189979 (0xFF4C4ADB)
YUV	91.1280, 63.0409, -13.2673
Hunter-Lab	33.9831, 36.2081, -95.3512

Details

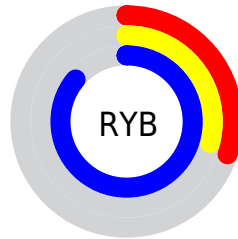
The HunterLab color **33.9831, 36.2081, -95.3512** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **81.1838, -20.7456, 44.9306**, and the grayscale version is **32.1790, -1.7170, 1.7483**.

A 20% lighter version of the original color is **52.1639, 32.1511, -74.8260**, and **18.7699, 34.1999, -97.2885** is the 20% darker color. If you saturate the color by 10%, you get **28.9397, 45.3430, -118.6767**, and if you desaturate by 10%, it is **40.0457, 27.7795, -74.0618**.

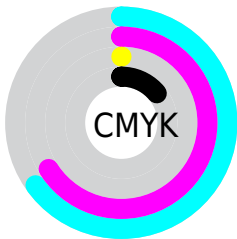
Distribution



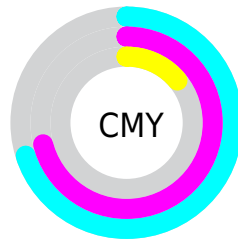
- Red (30%)
- Green (29%)
- Blue (86%)



- Red (30%)
- Yellow (29%)
- Blue (86%)



- Cyan (65%)
- Magenta (66%)
- Yellow (0%)
- Black (14%)



- Cyan (70%)
- Magenta (71%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.9831, 36.2081, -95.3512 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 33.9831, 36.2081, -95.3512 by changing the saturation by 10% instead.

■ 33.9831, 36.2081,
-95.3512

■ 33.9831, 36.2081,
-95.3512

■ 141.9136, 47.3721,
-98.3326

■ 25.3717, 34.4373,
-98.2956

■ 53.5449, 39.4170,
-93.6454

■ 17.6429, 32.5992,
-104.5186

■ 64.3814, 40.8459,
-93.7779

■ 10.9127, 30.8658,
-118.4569

■ 75.8639, 42.1657,
-94.2344

■ 2.3286, 86.5820,
-368.6065

■ 87.9579, 43.3837,
-94.8914

0.0000, INF, -NF

0.0000, NaN, -NF

■ 100.6340, 44.5071,
-95.6720

0.0000, NaN, -NF

113.8666, 45.5425,

0.0000, NaN, -NF

-96.5261

0.0000, NaN, NaN

127.6331, 46.4957,
-97.4206

■ 33.9831, 36.2081,
-95.3512

■ 33.9831, 36.2081,
-95.3512

■ 28.9397, 45.3430,
-118.6767

■ 40.0457, 27.7795,
-74.0618

■ 25.2457, 53.9366,
-140.8930

■ 46.8619, 20.3660,
-55.5592

■ 23.1674, 59.7519,
-156.1908

■ 54.2475, 13.8848,
-39.5775

■ 22.6585, 61.3748,
-160.3284

■ 62.0782, 8.1526,
-25.6130

■ 70.2689, 2.9950,
-13.1954

■ 78.7600, -1.7282,
-1.9495

■ 87.5086, -6.1234,
8.4082

■ 96.4826, -10.2697,
18.0887

■ 98.9416, -11.1651,
20.6118

Harmonies

Analogous

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



33.9835, -0.4646, -123.4132



33.9831, 36.2081, -95.3512



33.9835, 70.3921, -39.8656

Triad

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



33.9835, 36.2098, -95.3501



33.9835, 32.9930, 23.7884



33.9835, -43.9600, 0.5501

Complementary

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



33.9831, 36.2081, -95.3512



81.1838, -20.7456, 44.9306

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.



33.9835, -40.5991, 19.6455



33.9831, 36.2081, -95.3512



33.9835, -3.1449, 23.7884

Square

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



33.9835, 36.2098, -95.3501



33.9835, 68.1030, 20.3307



33.9835, -28.1366, 23.7884



33.9835, -39.9554, -44.4638

Rectangle

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



33.9831, 36.2081, -95.3512



33.9835, 82.5123, -8.2716



33.9835, -28.1366, 23.7884



33.9835, -43.6670, 9.5794

Sweetspot

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



33.9835, 36.2098, -95.3501



79.5884, 5.9157, -21.3332



75.6529, -35.7918, -6.5325



35.5465, 3.5427, -11.8105

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



33.9835, 36.2098, -95.3501



32.6607, 57.6053, -150.6103



40.2105, 50.2788, -73.1598



35.5327, -0.1151, -2.5555



17.4589, 47.2686, -123.3648



4.4785, 12.0564, -31.1116

Inverse Universe

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



49.9669, 70.4049, -45.8655



55.5861, 95.8548, -62.4876



75.7064, -41.6858, 40.8465



36.4302, 2.9147, -1.2769



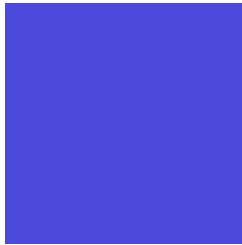
34.4530, 67.5355, -43.8888



8.7751, 17.2099, -11.2464

Previews

White Background



This preview shows how the HunterLab color 33.9831, 36.2081, -95.3512 looks on a white background.

Color Contrast Check

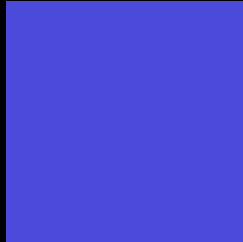
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.9831, 36.2081, -95.3512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

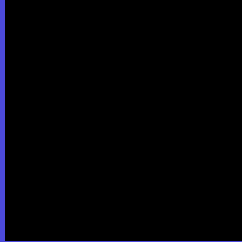
Any Text WCAG AA × Fail

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 33.9831, 36.2081, -95.3512 Background



This preview shows how black text looks on a background with the HunterLab color 33.9831, 36.2081, -95.3512.



This preview shows how white text looks on a background with the HunterLab color 33.9831, 36.2081, -95.3512.

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

33.9831, 36.2081, -95.3512

Protanopia

33.9184, 11.4400, -67.0907

Deuteranopia

33.8947, -0.0667, -42.2216



Tritanopia

33.6086, -16.1550, -7.1340

Trichromacy



Original Color

33.9831, 36.2081, -95.3512

Protanomaly

33.1785, 19.3451, -79.0693

Deuteranomaly

33.0067, 11.5051, -61.9084

Tritanomaly

32.4334, -0.9022, -34.3341

Monochromacy



Original Color

33.9831, 36.2081, -95.3512

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.1098, 8.7024, -24.4598

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.9831, 36.2081, -95.3512 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(76, 74, 219)` looks like.

```
.text, #text, p{  
    color:rgb(76, 74, 219)  
}
```

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(76, 74, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 74, 219) }
```

Border

The CSS property to change the border of an element to HunterLab 33.9831, 36.2081, -95.3512 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(76, 74, 219) }
```


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

```
.border{ border-color:rgb(76, 74, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 74, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 74, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 74, 219);  
box-shadow:4px 4px 4px 4px rgb(76, 74,  
219) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.9831, 36.2081, -95.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 74, 219) }
```

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

```
.background{ background-color: rgb(76, 74,  
219) }
```

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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