

Converting Colors

HunterLab(38.9039, 33.8508,
-97.5401)

Have a look what the booklet for
HunterLab(38.9039, 33.8508,
-97.5401) contains.

HunterLab(38.8446, 33.8831, -97.7624)	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(38.8446, 33.8831,
-97.7624)**

Conversions

Conversions Part 1

Format	Color
Hex	4F5AED
RGB	79, 90, 237
RGB Percent	31%, 35%, 93%
CMY	0.6902, 0.6471, 0.0706
CMYK	0.67, 0.62, 0.00, 0.07
HSL	236°, 81%, 62%
HSV	236°, 67%, 93%
XYZ	22.1667, 15.0890, 81.8650
YIQ	103.4690, -53.7430, 43.3850

Conversions

Conversions Part 2

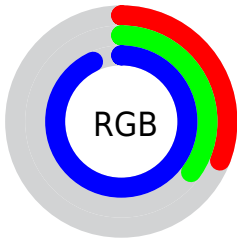
Format	Color
R_{YB}	79, 89, 237
Decimal	5200621
CIE _{Lab}	45.76, 41.58, -75.39
CIE _{LCh}	46, 86.093, 298.880
Yxy	15.0894, 0.1861, 0.1267
Android (android.graphics.Color)	4283390701 (0xFF4F5AED)
YUV	103.4690, 65.8308, -21.4593
Hunter-Lab	38.8446, 33.8831, -97.7624

Details

The HunterLab color **38.8446, 33.8831, -97.7624** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **85.4211, -16.7190, 47.2079**, and the grayscale version is **36.7804, -1.9625, 1.9983**.

A 20% lighter version of the original color is **56.5649, 24.4141, -63.8831**, and **22.5758, 32.7510, -98.9178** is the 20% darker color. If you saturate the color by 10%, you get **33.2617, 43.4484, -121.5620**, and if you desaturate by 10%, it is **45.3657, 25.4545, -76.3133**.

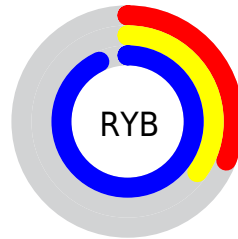
Distribution



Red (31%)

Green (35%)

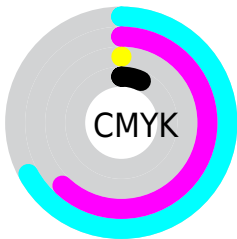
Blue (93%)



Red (31%)

Yellow (35%)

Blue (93%)

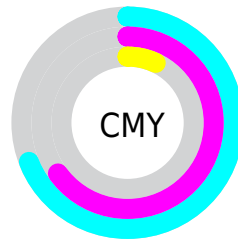


Cyan (67%)

Magenta (62%)

Yellow (0%)

Black (7%)



Cyan (69%)

Magenta (65%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.8446, 33.8831, -97.7624 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 38.8446, 33.8831, -97.7624 by changing the saturation by 10% instead.

■ 38.8446, 33.8831,
-97.7624

■ 38.8446, 33.8831,
-97.7624

■ 149.6351, 43.5641,
-101.7188

■ 29.8029, 32.2786,
-99.9332

■ 59.1692, 36.7324,
-96.6832

■ 21.5972, 30.5607,
-104.4922

■ 70.3506, 37.9844,
-96.9483

■ 14.3239, 28.7905,
-114.1410

■ 82.1591, 39.1326,
-97.4861

■ 7.9829, 28.1959,
-139.8702

■ 94.5631, 40.1848,
-98.1946

0.0000, INF, -NF

0.0000, NaN, -NF

■ 107.5352, 41.1480,
-99.0087

0.0000, NaN, -NF

121.0516, 42.0287,

0.0000, NaN, -NF

-99.8853

0.0000, NaN, NaN

135.0912, 42.8324,
-100.7954

■ 38.8446, 33.8831,
-97.7624

■ 38.8446, 33.8831,
-97.7624

■ 33.2617, 43.4484,
-121.5620

■ 45.3657, 25.4545,
-76.3133

■ 28.9158, 53.3689,
-145.5312

■ 52.5926, 18.2349,
-57.5976

■ 26.1006, 61.7540,
-164.8389

■ 60.3635, 12.0509,
-41.2896

■ 25.4943, 63.7601,
-169.5055

■ 68.5667, 6.6868,
-26.9137

■ 77.1242, 1.9548,
-14.0362

■ 85.9803, -2.2928,
-2.3092

■ 95.0941, -6.1677,
8.5340

■ 99.4457, -8.3810,
13.3626

Harmonies

Analogous

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



38.8451, -3.3168, -121.1177



38.8446, 33.8831, -97.7624



38.8451, 69.2240, -44.2922

Triad

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



38.8451, 33.8848, -97.7612



38.8451, 36.8064, 26.6380



38.8451, -47.5625, 3.2848

Complementary

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



38.8446, 33.8831, -97.7624



85.4211, -16.7190, 47.2079

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.



38.8451, -43.0592, 22.2452



38.8446, 33.8831, -97.7624



38.8451, -0.8169, 27.1916

Square

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



38.8451, 33.8848, -97.7612



38.8451, 71.2721, 21.5140



38.8451, -28.3857, 26.8176



38.8451, -43.7071, -40.2313

Rectangle

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



38.8446, 33.8831, -97.7624



38.8451, 82.6887, -11.5420



38.8451, -28.3857, 26.8176



38.8451, -47.0136, 12.1119

Sweetspot

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



38.8451, 33.8848, -97.7612



80.5908, 3.8146, -19.8756



82.2218, -41.9797, -0.8381



36.0699, 2.4340, -11.0172

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.8451, 33.8848, -97.7612



34.2437, 51.1887, -141.8082



42.0868, 52.4468, -86.0195



38.3629, -0.5267, -2.5236



19.0153, 46.3677, -123.8621



5.8566, 10.9568, -30.9728

Inverse Universe

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



49.3317, 56.8387, 19.7676



49.0015, 72.2821, 25.3738



83.5527, -42.5434, 45.4896



38.8214, 1.5285, 2.9622



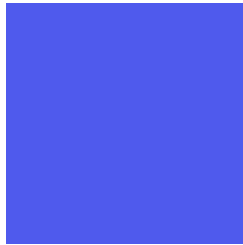
31.3972, 53.8579, 19.5963



8.8320, 15.2175, 4.9906

Previews

White Background



This preview shows how the HunterLab color 38.8446, 33.8831, -97.7624 looks on a white background.

Color Contrast Check

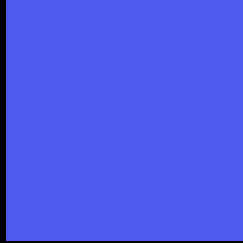
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.8446, 33.8831, -97.7624 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 38.8446, 33.8831, -97.7624 Background



This preview shows how black text looks on a background with the HunterLab color 38.8446, 33.8831, -97.7624.



This preview shows how white text looks on a background with the HunterLab color 38.8446, 33.8831, -97.7624.

-97.7624.

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

38.8446, 33.8831, -97.7624

Protanopia

38.8174, 14.2372, -79.2525

Deuteranopia

38.5045, 1.0475, -50.3886



Tritanopia

38.4430, -18.2460, -8.6625

Trichromacy



Original Color

38.8446, 33.8831, -97.7624

Protanomaly

38.3091, 20.0725, -87.4002

Deuteranomaly

37.9710, 11.1050, -67.5854

Tritanomaly

37.1665, -2.9080, -36.2465

Monochromacy



Original Color

38.8446, 33.8831, -97.7624

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.5815, 7.4736, -25.4739

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.8446, 33.8831, -97.7624 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(79, 90, 237)` looks like.

```
.text, #text, p{  
    color:rgb(79, 90, 237)  
}
```

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(79, 90, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 90, 237) }
```

Border

The CSS property to change the border of an element to HunterLab 38.8446, 33.8831, -97.7624 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(79, 90, 237) }
```


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

```
.border{ border-color:rgb(79, 90, 237) }
```

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

Here you see how a box with a 4 pixel rgb(79, 90, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 90, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 90, 237);  
box-shadow:4px 4px 4px 4px rgb(79, 90,  
237) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.8446, 33.8831, -97.7624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 90, 237) }
```

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

```
.background{ background-color: rgb(79, 90,  
237) }
```

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