

Converting Colors

HunterLab(34.2376, 39.9323,
-88.3730)

Have a look what the booklet for
HunterLab(34.2376, 39.9323,
-88.3730) contains.

HunterLab(34.2376, 39.9323, -88.3730)	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(34.2376, 39.9323,
-88.3730)**

Conversions

Conversions Part 1

Format	Color
Hex	6046D6
RGB	96, 70, 214
RGB Percent	38%, 27%, 84%
CMY	0.6235, 0.7255, 0.1608
CMYK	0.55, 0.67, 0.00, 0.16
HSL	251°, 64%, 56%
HSV	251°, 67%, 84%
XYZ	19.1516, 11.7221, 64.8715
YIQ	94.1900, -30.7280, 50.2960

Conversions

Conversions Part 2

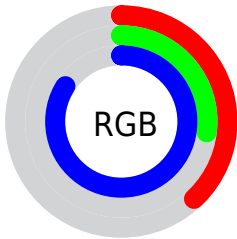
Format	Color
RYB	96, 70, 214
Decimal	6309590
CIELab	40.77, 48.43, -70.41
CIELCh	41, 85.456, 304.520
Yxy	11.7224, 0.2000, 0.1224
Android (android.graphics.Color)	4284499670 (0xFF6046D6)
YUV	94.1900, 59.0663, 1.5874
Hunter-Lab	34.2376, 39.9323, -88.3730

Details

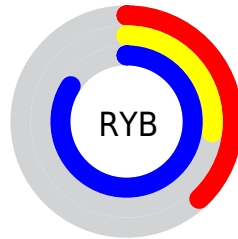
The HunterLab color $[34.2376, 39.9323, -88.3730]$ is a dark color, and the websafe version is hex $6633CC$. The color can be described as dark muted purple. A complement of this color would be $[76.9585, -28.2392, 42.4631]$, and the grayscale version is $[33.3231, -1.7780, 1.8105]$.

A 20% lighter version of the original color is $[52.6506, 38.3083, -73.4243]$, and $[17.8638, 36.1556, -95.7215]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.4245, 47.9949, -109.2194]$, and if you desaturate by 10%, it is $[39.9405, 31.9686, -69.2682]$.

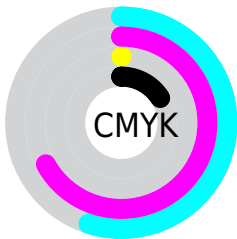
Distribution



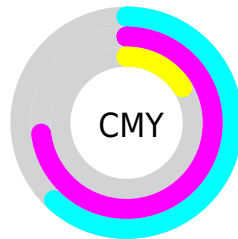
- Red (38%)
- Green (27%)
- Blue (84%)



- Red (38%)
- Yellow (27%)
- Blue (84%)



- Cyan (55%)
- Magenta (67%)
- Yellow (0%)
- Black (16%)



- Cyan (62%)
- Magenta (73%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.2376, 39.9323, -88.3730 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 34.2376, 39.9323, -88.3730 by changing the saturation by 10% instead.

■ 34.2376, 39.9323,
-88.3730

■ 34.2376, 39.9323,
-88.3730

■ 142.3232, 52.2026,
-92.2640

■ 25.6027, 38.0566,
-90.7028

■ 53.8410, 43.3839,
-87.2727

■ 17.8476, 36.1461,
-95.8303

■ 64.6962, 44.9395,
-87.5538

■ 11.0872, 34.4194,
-107.5201

■ 76.1964, 46.3862,
-88.1030

■ 2.9226, 76.5857,
-268.5202

■ 88.3072, 47.7300,
-88.8144

0.0000, INF, -NF

0.0000, NaN, -NF

■ 100.9993, 48.9775,
-89.6221

0.0000, NaN, -NF

114.2472, 50.1350,

0.0000, NaN, -NF

-90.4836

0.0000, NaN, NaN

128.0285, 51.2083,
-91.3706

■ 34.2376, 39.9323,
-88.3730

■ 34.2376, 39.9323,
-88.3730

■ 29.4245, 47.9949,
-109.2194

■ 39.9405, 31.9686,
-69.2682

■ 25.7646, 55.0552,
-129.5604

■ 46.3164, 24.5144,
-52.4696

■ 23.4590, 59.4902,
-145.2923

■ 53.2105, 17.6304,
-37.7904

■ 22.9772, 60.4784,
-148.9427

■ 60.5151, 11.2471,
-24.8446

■ 68.1546, 5.2674,
-13.2553

■ 76.0749, -0.3990,
-2.7119

■ 84.2367, -5.8263,
7.0264

■ 92.6101, -11.0726,
16.1428

■ 98.6978, -12.2918,
22.3848

Harmonies

Analogous

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



34.2381, 3.1005, -120.6467



34.2376, 39.9323, -88.3730



34.2381, 72.2477, -33.5654

Triad

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



34.2381, 39.9336, -88.3718



34.2381, 28.4815, 23.9666



34.2381, -43.8264, -3.0197

Complementary

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



34.2376, 39.9323, -88.3730



76.9585, -28.2392, 42.4631

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.



34.2381, -41.2668, 18.5854



34.2376, 39.9323, -88.3730



34.2381, -6.4939, 23.9666

Square

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



34.2381, 39.9336, -88.3718



34.2381, 64.1235, 21.1159



34.2381, -29.9409, 23.9666



34.2381, -38.9264, -49.8508

Rectangle

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



34.2376, 39.9323, -88.3730



34.2381, 82.2481, -4.1385



34.2381, -29.9409, 23.9666



34.2381, -43.7886, 6.9440

Sweetspot

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



34.2381, 39.9336, -88.3718



80.3638, 8.5014, -20.1302



65.5623, -24.6788, -17.5651



35.9528, 4.8866, -11.1548

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



34.2381, 39.9336, -88.3718



33.6713, 62.6879, -144.7441



41.6441, 55.9424, -63.9353



34.8073, 0.3682, -2.2863



17.9544, 47.0915, -115.0941



4.7699, 11.8792, -25.6821

Inverse Universe

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



47.2304, 64.7350, -29.4848



53.3452, 90.4519, -39.0370



72.3789, -46.2078, 39.0441



35.4858, 2.5493, -0.4936



32.4567, 61.4163, -24.2449



8.0353, 15.3096, -6.8152

Previews

White Background



This preview shows how the HunterLab color 34.2376, 39.9323, -88.3730 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 34.2376, 39.9323, -88.3730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

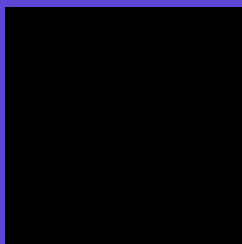
Any Text WCAG AA × Fail

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 34.2376, 39.9323, -88.3730 Background



This preview shows how black text looks on a background with the HunterLab color 34.2376, 39.9323, -88.3730.



This preview shows how white text looks on a background with the HunterLab color 34.2376, 39.9323, -88.3730.

-88.3730.

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

34.2376, 39.9323, -88.3730

Protanopia

34.0506, 12.1115, -68.7056

Deuteranopia

34.0037, 0.5237, -43.6322



Tritanopia

34.3191, -10.5269, -5.0184

Trichromacy



Original Color

34.2376, 39.9323, -88.3730

Protanomaly

33.1093, 20.3618, -79.3030

Deuteranomaly

32.9235, 12.5392, -62.1499

Tritanomaly

33.1632, 5.2560, -29.5623

Monochromacy



Original Color

34.2376, 39.9323, -88.3730

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

32.8099, 10.8888, -23.0428

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.2376, 39.9323, -88.3730 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(96, 70, 214)` looks like.

```
.text, #text, p{  
    color:rgb(96, 70, 214)  
}
```

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(96, 70, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 70, 214) }
```

Border

The CSS property to change the border of an element to HunterLab 34.2376, 39.9323, -88.3730 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(96, 70, 214) }
```


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

```
.border{ border-color:rgb(96, 70, 214) }
```

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

Here you see how a box with a 4 pixel rgb(96, 70, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 70, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 70, 214);  
box-shadow:4px 4px 4px 4px rgb(96, 70,  
214) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.2376, 39.9323, -88.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 70, 214) }
```

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

```
.background{ background-color: rgb(96, 70,  
214) }
```

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