

Converting Colors

HunterLab(34.1196, 40.3857,
-129.4471)

Have a look what the booklet for
HunterLab(34.1196, 40.3857,
-129.4471) contains.

HunterLab(34.2225, 40.2590, -129.2608)	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(34.2225, 40.2590,
-129.2608)**

Conversions

Conversions Part 1

Format	Color
Hex	044BF6
RGB	4, 75, 246
RGB Percent	2%, 29%, 96%
CMY	0.9840, 0.7059, 0.0353
CMYK	0.98, 0.70, 0.00, 0.04
HSL	222°, 97%, 49%
HSV	222°, 98%, 96%
XYZ	19.2007, 11.7118, 88.4374
YIQ	73.2650, -97.2070, 38.1290

Conversions

Conversions Part 2

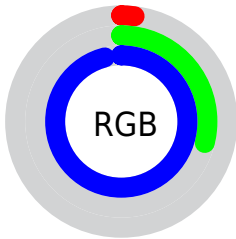
Format	Color
R _Y B	4, 59, 246
Decimal	281590
CIE Lab	40.75, 48.75, -88.75
CIE LCh	41, 101.260, 298.780
Yxy	11.7120, 0.1609, 0.0981
Android (android.graphics.Color)	4278471670 (0xFF044BF6)
YUV	73.2650, 85.1584, -60.7454
Hunter-Lab	34.2225, 40.2590, -129.2608

Details

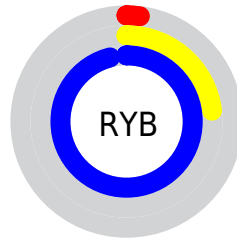
The HunterLab color **34.2225, 40.2590, -129.2608** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark saturated blue. A complement of this color would be **70.9160, 10.2402, 43.7796**, and the grayscale version is **25.6448, -1.3683, 1.3933**.

A 20% lighter version of the original color is **50.2123, 26.5862, -80.3056**, and **21.4728, 41.9523, -117.4020** is the 20% darker color. If you saturate the color by 10%, you get **33.6215, 41.8214, -132.3044**, and if you desaturate by 10%, it is **38.2513, 31.0231, -111.0311**.

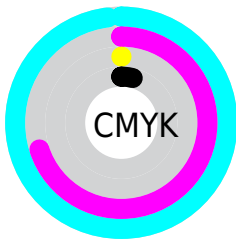
Distribution



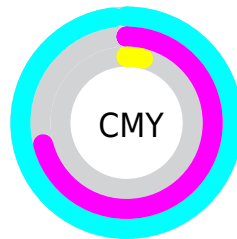
- Red (2%)
- Green (29%)
- Blue (96%)



- Red (2%)
- Yellow (23%)
- Blue (96%)



- Cyan (98%)
- Magenta (70%)
- Yellow (0%)
- Black (4%)



- Cyan (98%)
- Magenta (71%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.2225, 40.2590, -129.2608 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 34.2225, 40.2590, -129.2608 by changing the saturation by 10% instead.

■ 34.2225, 40.2590,
-129.2608

■ 34.2225, 40.2590,
-129.2608

142.2986, 52.6313,
-126.7927

■ 25.5888, 38.3760,
-135.2882

■ 53.8232, 43.7342,
-124.3458

■ 17.8353, 36.4600,
-146.7898

■ 64.6773, 45.3013,
-123.6258

■ 11.0767, 34.7370,
-171.0138

■ 76.1764, 46.7594,
-123.5089

■ 2.8903, 78.0700,
-452.5030

■ 88.2862, 48.1147,
-123.7864

0.0000, INF, -NF

0.0000, NaN, -NF

■ 100.9774, 49.3735,
-124.3270

0.0000, NaN, -NF

114.2243, 50.5421,

0.0000, NaN, -NF

-125.0443

0.0000, NaN, -NF

128.0047, 51.6263,
-125.8797

■ 34.2225, 40.2590,
-129.2608

■ 34.2225, 40.2590,
-129.2608

■ 33.6215, 41.8214,
-132.3044

■ 38.2513, 31.0231,
-111.0311

■ 43.0363, 22.8563,
-93.1994

■ 48.4652, 16.0144,
-76.5188

■ 54.4241, 10.4477,
-61.2658

■ 60.8196, 5.9937,
-47.4147

■ 67.5786, 2.4683,
-34.8105

■ 74.6448, -0.2963,
-23.2633

■ 81.9747, -2.4406,
-12.5918

■ 89.5344, -4.0781,
-2.6377

Harmonies

Analogous

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



34.2227, -3.3495, -162.1177



34.2225, 40.2590, -129.2608



34.2227, 84.2331, -56.1652

Triad

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



34.2227, 40.2620, -129.2602



34.2227, 44.1350, 23.9559



34.2227, -48.1961, 3.2912

Complementary

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



34.2225, 40.2590, -129.2608



70.9160, 10.2402, 43.7796

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.



34.2227, -44.2360, 21.7542



34.2225, 40.2590, -129.2608



34.2227, -0.2792, 23.9559

Square

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



34.2227, 40.2620, -129.2602



34.2227, 87.0656, 21.1646



34.2227, -30.0823, 23.9559



34.2227, -44.8679, -50.3421

Rectangle

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



34.2225, 40.2590, -129.2608



34.2227, 101.4953, -14.3501



34.2227, -30.0823, 23.9559



34.2227, -47.7220, 12.7015

Sweetspot

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



34.2227, 40.2620, -129.2602



76.4746, 0.1349, -26.2227



83.0491, -58.0934, 21.7797



33.9351, 0.6081, -14.4585

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



34.2227, 40.2620, -129.2602



34.9563, 43.7611, -138.1600



27.3578, 70.3416, -170.8677



40.8880, -1.8051, -1.7244



24.9872, 29.3158, -94.5161



8.4800, 5.8696, -23.2699

Inverse Universe

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



44.9325, 77.5732, 20.2622



46.6526, 80.9759, 21.7600



88.2464, -40.8227, 53.5838



40.6970, 2.0232, 2.0293



32.7562, 56.9256, 14.7351



9.7991, 17.2005, 3.0822

Previews

White Background



This preview shows how the HunterLab color 34.2225, 40.2590, -129.2608 looks on a white background.

Color Contrast Check

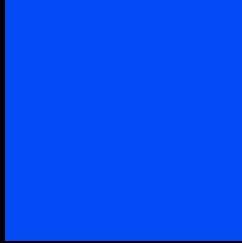
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.2225, 40.2590, -129.2608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

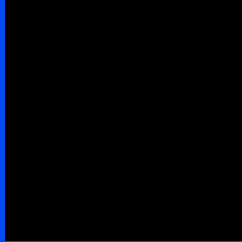
Any Text WCAG AA × Fail

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 34.2225, 40.2590, -129.2608 Background



This preview shows how black text looks on a background with the HunterLab color 34.2225, 40.2590, -129.2608.



This preview shows how white text looks on a background with the HunterLab color 34.2225, 40.2590, -129.2608.

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

34.2225, 40.2590, -129.2608

Protanopia

33.9843, 11.7753, -67.8969

Deuteranopia

33.8408, -0.3598, -41.5213



Tritanopia

33.8464, -16.9177, -5.7845

Trichromacy



Original Color

34.2225, 40.2590, -129.2608

Protanomaly

33.8617, 21.6617, -88.9789

Deuteranomaly

33.4870, 12.8588, -69.5066

Tritanomaly

32.7551, -0.3742, -40.0229

Monochromacy



Original Color

34.2225, 40.2590, -129.2608

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

27.0250, 6.2835, -34.3387

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.2225, 40.2590, -129.2608 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(4, 75, 246)` looks like.

```
.text, #text, p{  
    color:rgb(4, 75, 246)  
}
```

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(4, 75, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 75, 246) }
```

Border

The CSS property to change the border of an element to HunterLab 34.2225, 40.2590, -129.2608 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(4, 75, 246) }
```


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

```
.border{ border-color:rgb(4, 75, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 75, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 75, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 75, 246);  
box-shadow:4px 4px 4px 4px rgb(4, 75, 246)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 34.2225, 40.2590, -129.2608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 75, 246) }
```

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

```
.background{ background-color: rgb(4, 75,  
246) }
```

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