

Converting Colors

HunterLab(33.3161, 38.6548,
-125.0868)

Have a look what the booklet for
HunterLab(33.3161, 38.6548,
-125.0868) contains.

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Color

**HunterLab(33.2511, 39.0333,
-125.8227)**

Conversions

Conversions Part 1

Format	Color
Hex	0049F0
RGB	0, 73, 240
RGB Percent	0%, 29%, 94%
CMY	0.9997, 0.7137, 0.0588
CMYK	1.00, 0.70, 0.00, 0.06
HSL	222°, 100%, 47%
HSV	222°, 100%, 94%
XYZ	18.1107, 11.0564, 83.6176
YIQ	70.2110, -97.1150, 36.4610

Conversions

Conversions Part 2

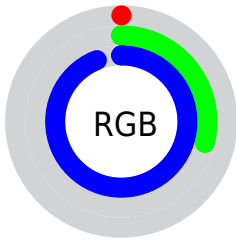
Format	Color
R _{YB}	0, 56, 240
Decimal	18928
CIE Lab	39.68, 47.74, -87.16
CIE LCh	40, 99.378, 298.712
Yxy	11.0565, 0.1606, 0.0980
Android (android.graphics.Color)	4278209008 (0xFF0049F0)
YUV	70.2110, 83.7060, -61.5750
Hunter-Lab	33.2511, 39.0333, -125.8227

Details

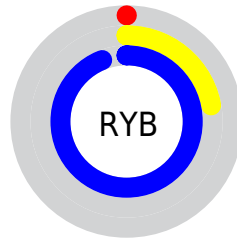
The HunterLab color **33.2511, 39.0333, -125.8227** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark saturated blue. A complement of this color would be **67.9619, 11.7784, 42.0823**, and the grayscale version is **24.5673, -1.3108, 1.3348**.

A 20% lighter version of the original color is **49.5821, 27.3242, -82.1009**, and **20.7508, 40.3116, -112.9578** is the 20% darker color. If you saturate the color by 10%, you get **33.2416, 39.0611, -125.8708**, and if you desaturate by 10%, it is **37.0790, 30.1294, -108.4450**.

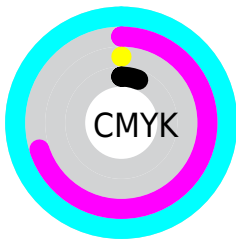
Distribution



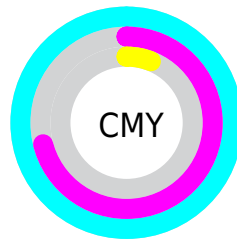
- Red (0%)
- Green (29%)
- Blue (94%)



- Red (0%)
- Yellow (22%)
- Blue (94%)



- Cyan (100%)
- Magenta (70%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (71%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2511, 39.0333, -125.8227 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 33.2511, 39.0333, -125.8227 by changing the saturation by 10% instead.

■ 33.2511, 39.0333,
-125.8227

■ 33.2511, 39.0333,
-125.8227

■ 140.7320, 51.1921,
-123.5402

■ 24.7080, 37.1699,
-131.8568

■ 52.6921, 42.4654,
-120.9805

■ 17.0556, 35.2750,
-143.5288

■ 63.4743, 44.0094,
-120.2955

■ 10.4134, 33.5907,
-168.6306

■ 74.9056, 45.4436,
-120.2066

0.0000, INF, -NF

■ 86.9510, 46.7745,
-120.5051

0.0000, NaN, -NF

■ 99.5807, 48.0086,
-121.0604

0.0000, NaN, -NF

112.7688, 49.1524,

0.0000, NaN, -NF

-121.7868

126.4926, 50.2118,
-122.6267

■ 33.2511, 39.0333,
-125.8227

■ 33.2511, 39.0333,
-125.8227

■ 33.2416, 39.0611,
-125.8708

■ 37.0790, 30.1294,
-108.4450

■ 41.6095, 22.1888,
-91.4396

■ 46.7604, 15.5210,
-75.4427

■ 52.4257, 10.0950,
-60.7513

■ 58.5164, 5.7629,
-47.3699

■ 64.9622, 2.3499,
-35.1698

■ 71.7083, -0.3062,
-23.9809

■ 78.7123, -2.3431,
-13.6355

■ 85.9410, -3.8724,
-3.9850

Harmonies

Analogous

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



33.2513, -3.3362, -157.6300



33.2511, 39.0333, -125.8227



33.2513, 81.8117, -54.7656

Triad

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



33.2513, 39.0362, -125.8221



33.2513, 43.0101, 23.2759



33.2513, -46.8380, 3.2735

Complementary

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



33.2511, 39.0333, -125.8227



67.9619, 11.7784, 42.0823

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.



33.2513, -42.9734, 21.1544



33.2511, 39.0333, -125.8227



33.2513, -0.1865, 23.2759

Square

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



33.2513, 39.0362, -125.8221



33.2513, 84.7182, 20.5500



33.2513, -29.1915, 23.2759



33.2513, -43.6215, -48.7900

Rectangle

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



33.2511, 39.0333, -125.8227



33.2513, 98.6421, -14.0624



33.2513, -29.1915, 23.2759



33.2513, -46.3723, 12.3937

Sweetspot

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



33.2513, 39.0362, -125.8221



76.7265, -0.2968, -25.8343



80.6238, -57.2617, 22.8418



34.0669, 0.3801, -14.2444

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



33.2513, 39.0362, -125.8221



35.4958, 42.1776, -135.4160



26.1331, 68.8129, -169.7258



40.0152, -1.8253, -1.6326



25.0074, 27.7211, -91.0989



8.3008, 5.2040, -21.6093

Inverse Universe

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



43.5979, 75.7576, 19.6196



46.6938, 81.1275, 21.1569



86.0570, -38.7402, 52.3484



39.7969, 1.9878, 1.9332



32.2872, 56.1714, 14.0534



9.4036, 16.5360, 2.7267

Previews

White Background



This preview shows how the HunterLab color 33.2511, 39.0333, -125.8227 looks on a white background.

Color Contrast Check

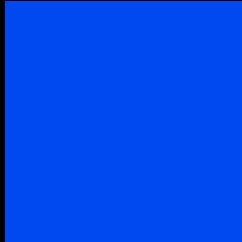
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.2511, 39.0333, -125.8227 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 33.2511, 39.0333, -125.8227 Background



This preview shows how black text looks on a background with the HunterLab color 33.2511, 39.0333, -125.8227.



This preview shows how white text looks on a background with the HunterLab color 33.2511, 39.0333, -125.8227.

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

33.2511, 39.0333, -125.8227

Protanopia

33.1458, 11.1499, -65.4989

Deuteranopia

33.0741, -0.5859, -40.0749



Tritanopia

32.8704, -16.1946, -6.1256

Trichromacy



Original Color

33.2511, 39.0333, -125.8227

Protanomaly

33.0071, 20.9524, -86.4863

Deuteranomaly

32.7065, 12.5339, -67.9374

Tritanomaly

31.7626, 0.1245, -39.9692

Monochromacy



Original Color

33.2511, 39.0333, -125.8227

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

25.9428, 6.2058, -33.7955

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2511, 39.0333, -125.8227 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(0, 73, 240)` looks like.

```
.text, #text, p{  
    color:rgb(0, 73, 240)  
}
```

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(0, 73, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 73, 240) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2511, 39.0333, -125.8227 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(0, 73, 240) }
```


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

```
.border{ border-color:rgb(0, 73, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 73, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 73, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 73, 240);  
box-shadow:4px 4px 4px 4px rgb(0, 73, 240)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.2511, 39.0333, -125.8227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 73, 240) }
```

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

```
.background{ background-color: rgb(0, 73,  
240) }
```

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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