

Converting Colors

HunterLab(39.0751, 37.3275,
-119.1670)

Have a look what the booklet for
HunterLab(39.0751, 37.3275,
-119.1670) contains.

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Color

**HunterLab(39.0335, 37.1968,
-119.0012)**

Conversions

Conversions Part 1

Format	Color
Hex	335AFF
RGB	51, 90, 255
RGB Percent	20%, 35%, 100%
CMY	0.7999, 0.6471, 0.0000
CMYK	0.80, 0.65, 0.00, 0.00
HSL	229°, 100%, 60%
HSV	229°, 80%, 100%
XYZ	23.0714, 15.2361, 96.3327
YIQ	97.1490, -76.2090, 43.0470

Conversions

Conversions Part 2

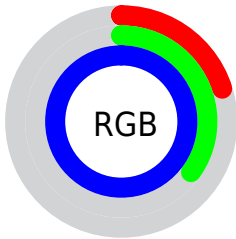
Format	Color
RYB	51, 84, 255
Decimal	3365631
CIELab	45.96, 44.85, -85.18
CIELCh	46, 96.265, 297.769
Yxy	15.2364, 0.1714, 0.1132
Android (android.graphics.Color)	4281555711 (0xFF335AFF)
YUV	97.1490, 77.8205, -40.4727
Hunter-Lab	39.0335, 37.1968, -119.0012

Details

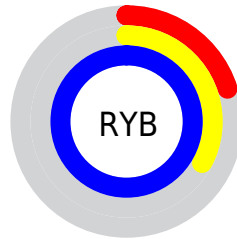
The HunterLab color **39.0335, 37.1968, -119.0012** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **84.0363, -6.0270, 49.4661**, and the grayscale version is **34.3707, -1.8339, 1.8674**.

A 20% lighter version of the original color is **55.4274, 20.9792, -66.6793**, and **24.3064, 38.3659, -113.2017** is the 20% darker color. If you saturate the color by 10%, you get **34.2570, 47.4662, -141.8014**, and if you desaturate by 10%, it is **44.7942, 28.0687, -97.1303**.

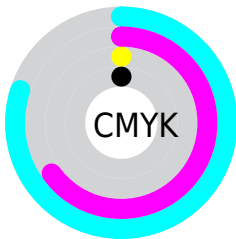
Distribution



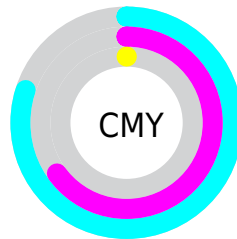
- Red (20%)
- Green (35%)
- Blue (100%)



- Red (20%)
- Yellow (33%)
- Blue (100%)



- Cyan (80%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.0335, 37.1968, -119.0012 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 39.0335, 37.1968, -119.0012 by changing the saturation by 10% instead.

■ 39.0335, 37.1968,
-119.0012

■ 39.0335, 37.1968,
-119.0012

■ 149.9309, 47.9067,
-120.2626

■ 29.9758, 35.4821,
-122.6971

■ 59.3863, 40.2825,
-116.2888

■ 21.7525, 33.6686,
-129.7594

■ 70.5806, 41.6532,
-116.1178

■ 14.4593, 31.8405,
-143.9251

■ 82.4013, 42.9188,
-116.3661

■ 8.1203, 31.1543,
-179.3948

■ 94.8169, 44.0865,
-116.8888

0.0000, INF, -NF

0.0000, NaN, -NF

■ 107.8002, 45.1633,
-117.5928

0.0000, NaN, -NF

121.3272, 46.1553,

0.0000, NaN, -NF

-118.4160

0.0000, NaN, -NF

135.3770, 47.0681,
-119.3159

■ 39.0335, 37.1968,
-119.0012

■ 39.0335, 37.1968,
-119.0012

■ 34.2570, 47.4662,
-141.8014

■ 44.7942, 28.0687,
-97.1303

■ 30.6520, 57.8074,
-163.0997

■ 51.3288, 20.3509,
-77.2968

■ 30.6498, 57.8144,
-163.1142

■ 58.4717, 13.9497,
-59.6575

■ 66.1003, 8.6517,
-43.9782

■ 74.1253, 4.2398,
-29.9233

■ 82.4816, 0.5298,
-17.1725

■ 91.1209, -2.6249,
-5.4565

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



39.0338, -4.8339, -145.6519



39.0335, 37.1968, -119.0012



39.0338, 78.8456, -54.4708

Triad

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



39.0338, 37.1991, -118.9997



39.0338, 43.9244, 27.3237



39.0338, -50.9651, 4.6849

Complementary

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



39.0335, 37.1968, -119.0012



84.0363, -6.0270, 49.4661

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.



39.0338, -46.0703, 23.7934



39.0335, 37.1968, -119.0012



39.0338, 0.7425, 27.3237

Square

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



39.0338, 37.1991, -118.9997



39.0338, 83.6444, 22.4037



39.0338, -30.1612, 27.3237



39.0338, -47.3903, -44.8078

Rectangle

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



39.0335, 37.1968, -119.0012



39.0338, 95.4581, -15.2391



39.0338, -30.1612, 27.3237



39.0338, -50.3139, 13.9775

Sweetspot

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



39.0338, 37.1991, -118.9997



79.0966, 1.9424, -22.1440



87.8008, -53.4446, 10.1145



35.2199, 1.5175, -12.3603

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



39.0338, 37.1991, -118.9997



31.9533, 53.7952, -154.9152



36.1220, 64.9902, -131.8914



42.3549, -1.2801, -2.2702



22.5116, 40.5240, -115.6172



7.9669, 9.6284, -30.7429

Inverse Universe

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



49.3634, 73.6964, 20.0900



46.6654, 79.3291, 25.2290



91.2156, -45.0384, 53.3810



42.4780, 1.9380, 2.6379



33.5254, 57.8033, 18.6403



10.5291, 18.2878, 4.8164

Previews

White Background



This preview shows how the HunterLab color 39.0335, 37.1968, -119.0012 looks on a white background.

Color Contrast Check

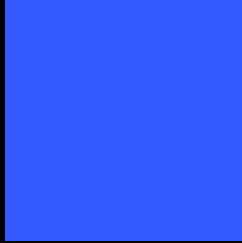
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.0335, 37.1968, -119.0012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

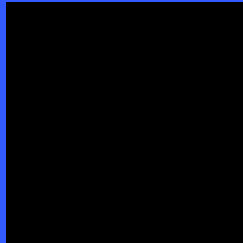
Any Text WCAG AA × Fail

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 39.0335, 37.1968, -119.0012 Background



This preview shows how black text looks on a background with the HunterLab color 39.0335, 37.1968, -119.0012.



This preview shows how white text looks on a background with the HunterLab color 39.0335, 37.1968, -119.0012.

-119.0012.

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

39.0335, 37.1968, -119.0012

Protanopia

38.7493, 13.8924, -78.4230

Deuteranopia

38.7295, 0.2578, -48.9650



Tritanopia

38.6849, -19.0316, -7.2690

Trichromacy



Original Color

39.0335, 37.1968, -119.0012

Protanomaly

38.5854, 21.7403, -93.1527

Deuteranomaly

38.2000, 12.5987, -72.9166

Tritanomaly

37.5922, -2.2671, -40.0332

Monochromacy



Original Color

39.0335, 37.1968, -119.0012

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

34.7044, 6.8710, -30.7248

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.0335, 37.1968, -119.0012 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(51, 90, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 90, 255)  
}
```

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(51, 90, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 90, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 39.0335, 37.1968, -119.0012 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(51, 90, 255) }
```


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

```
.border{ border-color:rgb(51, 90, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 90, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 90, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 90, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 90,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.0335, 37.1968, -119.0012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 90, 255) }
```

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

```
.background{ background-color: rgb(51, 90,  
255) }
```

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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