

Converting Colors

HunterLab(38.6981, 36.5295,
-120.4649)

Have a look what the booklet for
HunterLab(38.6981, 36.5295,
-120.4649) contains.

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Color

**HunterLab(38.7347, 36.4563,
-120.3069)**

Conversions

Conversions Part 1

Format	Color
Hex	295AFF
RGB	41, 90, 255
RGB Percent	16%, 35%, 100%
CMY	0.8391, 0.6471, 0.0000
CMYK	0.84, 0.65, 0.00, 0.00
HSL	226°, 100%, 58%
HSV	226°, 84%, 100%
XYZ	22.6206, 15.0038, 96.3116
YIQ	94.1590, -82.1690, 40.9270

Conversions

Conversions Part 2

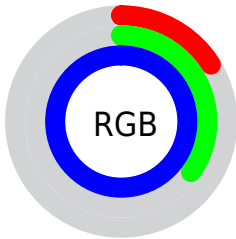
Format	Color
R _Y B	41, 81, 255
Decimal	2710271
CIE Lab	45.64, 44.17, -85.71
CIE LCh	46, 96.423, 297.264
Yxy	15.0040, 0.1689, 0.1120
Android (android.graphics.Color)	4280900351 (0xFF295AFF)
YUV	94.1590, 79.2946, -46.6204
Hunter-Lab	38.7347, 36.4563, -120.3069

Details

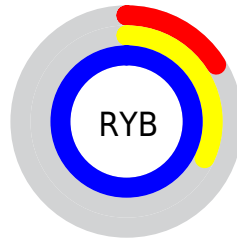
The HunterLab color **38.7347, 36.4563, -120.3069** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **80.9783, -1.2589, 48.3389**, and the grayscale version is **33.2543, -1.7744, 1.8068**.

A 20% lighter version of the original color is **55.0783, 19.9124, -67.5547**, and **24.3064, 38.3659, -113.2017** is the 20% darker color. If you saturate the color by 10%, you get **34.2759, 46.6030, -141.7147**, and if you desaturate by 10%, it is **44.1312, 27.4154, -99.4315**.

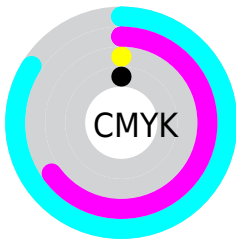
Distribution



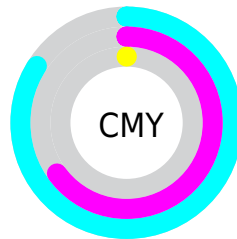
- Red (16%)
- Green (35%)
- Blue (100%)



- Red (16%)
- Yellow (32%)
- Blue (100%)



- Cyan (84%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)



- Cyan (84%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.7347, 36.4563, -120.3069 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 38.7347, 36.4563, -120.3069 by changing the saturation by 10% instead.

■ 38.7347, 36.4563,
-120.3069

■ 38.7347, 36.4563,
-120.3069

■ 149.4625, 46.9784,
-121.2688

■ 29.7022, 34.7609,
-124.1771

■ 59.0425, 39.5003,
-117.4192

■ 21.5067, 32.9642,
-131.5491

■ 70.2164, 40.8497,
-117.2026

■ 14.2450, 31.1486,
-146.3463

■ 82.0178, 42.0940,
-117.4202

■ 7.9016, 30.7729,
-184.6071

■ 94.4150, 43.2405,
-117.9224

0.0000, INF, -NF

0.0000, NaN, -NF

■ 107.3806, 44.2962,
-118.6131

0.0000, NaN, -NF

120.8908, 45.2675,

0.0000, NaN, -NF

-119.4281

0.0000, NaN, -NF

134.9244, 46.1598,
-120.3236

■ 38.7347, 36.4563,
-120.3069

■ 38.7347, 36.4563,
-120.3069

■ 34.2759, 46.6030,
-141.7147

■ 44.1312, 27.4154,
-99.4315

■ 32.0671, 52.8819,
-154.2380

■ 50.2822, 19.7803,
-80.2263

■ 57.0349, 13.4903,
-62.9676

■ 64.2718, 8.3500,
-47.5243

■ 71.9056, 4.1473,
-33.6286

■ 79.8714, 0.6964,
-21.0005

■ 88.1205, -2.1533,
-9.3931

■ 96.6158, -4.5204,
1.3974

■ 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.



38.7350, -5.4253, -146.1023



38.7347, 36.4563, -120.3069



38.7350, 78.3597, -55.7098

Triad

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



38.7350, 36.4586, -120.3054



38.7350, 44.7131, 27.1145



38.7350, -50.7602, 5.2186

Complementary

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



38.7347, 36.4563, -120.3069



80.9783, -1.2589, 48.3389

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.



38.7350, -45.7510, 23.8098



38.7347, 36.4563, -120.3069



38.7350, 1.4058, 27.1145

Square

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



38.7350, 36.4586, -120.3054



38.7350, 84.2559, 22.1243



38.7350, -29.6982, 27.1145



38.7350, -47.3586, -43.8251

Rectangle

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



38.7347, 36.4563, -120.3069



38.7350, 95.3403, -16.0980



38.7350, -29.6982, 27.1145



38.7350, -50.0688, 14.3123

Sweetspot

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



38.7350, 36.4586, -120.3054



78.9905, 1.0402, -22.3205



87.4089, -55.5489, 13.6802



35.2390, 1.0184, -12.3389

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.7350, 36.4586, -120.3054



32.0671, 52.8819, -154.2380



33.7770, 67.1399, -144.0799



42.4878, -1.5037, -2.1035



23.5736, 36.9182, -109.1608



8.3519, 8.5396, -28.8736

Inverse Universe

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



48.5651, 76.2881, 19.4525



46.4427, 80.2003, 24.8492



91.4756, -44.1074, 54.2335



42.4914, 2.0101, 2.4466



33.5990, 58.0756, 17.5547



10.5592, 18.3986, 4.3759

Previews

White Background



This preview shows how the HunterLab color 38.7347, 36.4563, -120.3069 looks on a white background.

Color Contrast Check

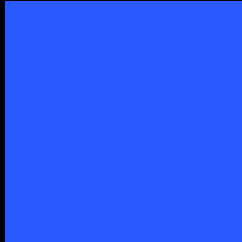
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.7347, 36.4563, -120.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

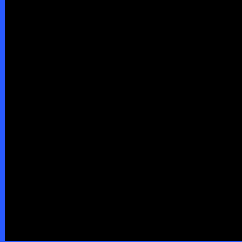
Any Text WCAG AA × Fail

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 38.7347, 36.4563, -120.3069 Background



This preview shows how black text looks on a background with the HunterLab color 38.7347, 36.4563, -120.3069.



This preview shows how white text looks on a background with the HunterLab color 38.7347, 36.4563, -120.3069.

-120.3069.

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

38.7347, 36.4563, -120.3069

Protanopia

38.4219, 14.0867, -78.4332

Deuteranopia

38.3367, 0.1397, -48.2191



Tritanopia

38.3406, -18.8509, -7.2286

Trichromacy



Original Color

38.7347, 36.4563, -120.3069

Protanomaly

38.2184, 21.8041, -93.3522

Deuteranomaly

38.0857, 12.1123, -72.2593

Tritanomaly

37.2073, -2.2547, -40.1120

Monochromacy



Original Color

38.7347, 36.4563, -120.3069

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

34.0947, 6.1214, -31.2915

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.7347, 36.4563, -120.3069 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(41, 90, 255)` looks like.

```
.text, #text, p{  
    color:rgb(41, 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(41, 90, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 90, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 38.7347, 36.4563, -120.3069 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(41, 90, 255) }
```


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

```
.border{ border-color:rgb(41, 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(41, 90, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 90, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 90, 255);  
box-shadow:4px 4px 4px 4px rgb(41, 90,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.7347, 36.4563, -120.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 90, 255) }
```

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

```
.background{ background-color: rgb(41, 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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