

Converting Colors

HunterLab(38.7047, 54.1614,
-120.1276)

Have a look what the booklet for
HunterLab(38.7047, 54.1614,
-120.1276) contains.

HunterLab(38.7047, 54.1614, -120.1276)	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(38.7047, 54.1614,
-120.1276)**

Conversions

Conversions Part 1

Format	Color
Hex	6B48FF
RGB	107, 72, 255
RGB Percent	42%, 28%, 100%
CMY	0.5804, 0.7177, 0.0000
CMYK	0.58, 0.72, 0.00, 0.00
HSL	251°, 100%, 64%
HSV	251°, 72%, 100%
XYZ	26.4308, 14.9805, 96.1063
YIQ	103.3270, -37.8830, 64.3330

Conversions

Conversions Part 2

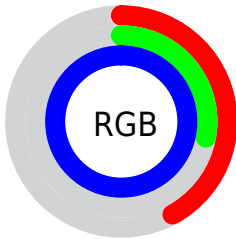
Format	Color
R_{YB}	107, 72, 255
Decimal	7031039
CIE Lab	45.61, 60.81, -85.63
CIE LCh	46, 105.024, 305.381
Yxy	14.9808, 0.1922, 0.1089
Android (android.graphics.Color)	4285221119 (0xFF6B48FF)
YUV	103.3270, 74.7748, 3.2212
Hunter-Lab	38.7047, 54.1614, -120.1276

Details

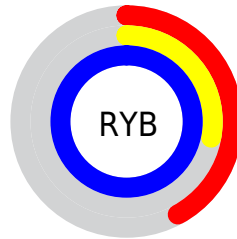
The HunterLab color $38.7047, 54.1614, -120.1276$ is a dark color, and the websafe version is hex $6633FF$. The color can be described as middle washed purple. A complement of this color would be $93.3821, -36.4143, 53.0116$, and the grayscale version is $36.6893, -1.9577, 1.9934$.

A 20% lighter version of the original color is $55.0393, 40.0625, -67.2980$, and $21.5071, 50.0092, -131.4932$ is the 20% darker color. If you saturate the color by 10%, you get $33.4813, 63.6016, -145.7905$, and if you desaturate by 10%, it is $45.1911, 44.2207, -95.5031$.

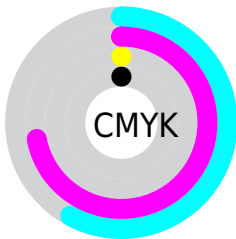
Distribution



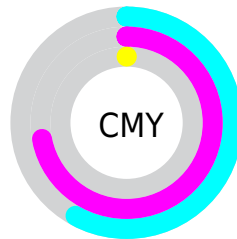
- Red (42%)
- Green (28%)
- Blue (100%)



- Red (42%)
- Yellow (28%)
- Blue (100%)



- Cyan (58%)
- Magenta (72%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (72%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.7047, 54.1614, -120.1276 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 38.7047, 54.1614, -120.1276 by changing the saturation by 10% instead.

■ 38.7047, 54.1614,
-120.1276

■ 38.7047, 54.1614,
-120.1276

■ 149.4156, 69.5762,
-121.1061

■ 29.6748, 52.0188,
-123.9902

■ 59.0081, 58.2614,
-117.2489

■ 21.4821, 49.9166,
-131.3528

■ 70.1799, 60.1675,
-117.0351

■ 14.2235, 48.1206,
-146.1401

■ 81.9794, 61.9717,
-117.2547

■ 7.8793, 49.0597,
-184.5260

■ 94.3747, 63.6759,
-117.7583

0.0000, INF, -NF

0.0000, NaN, -NF

■ 107.3386, 65.2839,
-118.4498

0.0000, NaN, -NF

120.8471, 66.8002,

0.0000, NaN, -NF

-119.2653

0.0000, NaN, -NF

134.8790, 68.2295,
-120.1610

■ 38.7047, 54.1614,
-120.1276

■ 38.7047, 54.1614,
-120.1276

■ 33.4813, 63.6016,
-145.7905

■ 45.1911, 44.2207,
-95.5031

■ 29.8435, 70.6817,
-168.3300

■ 52.6355, 34.6901,
-73.5275

■ 28.0492, 73.7748,
-181.4053

■ 60.8092, 25.8336,
-54.3215

■ 69.5513, 17.6307,
-37.4839

■ 78.7499, 9.9742,
-22.5292

■ 88.3262, 2.7484,
-9.0322

■ 98.2231, -4.1467,
3.3444

■ 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.



38.7051, 5.5129, -168.1535



38.7047, 54.1614, -120.1276



38.7051, 97.2809, -43.2329

Triad

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



38.7051, 54.1632, -120.1258



38.7051, 36.0315, 27.0936



38.7051, -53.1022, -5.5074

Complementary

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



38.7047, 54.1614, -120.1276



93.3821, -36.4143, 53.0116

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.



38.7051, -50.4829, 22.0112



38.7047, 54.1614, -120.1276



38.7051, -9.1056, 27.0936

Square

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



38.7051, 54.1632, -120.1258



38.7051, 84.1420, 25.1412



38.7051, -37.6372, 27.0936



38.7051, -47.3092, -70.0621

Rectangle

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



38.7047, 54.1614, -120.1276



38.7051, 110.2290, -4.3502



38.7051, -37.6372, 27.0936



38.7051, -53.1353, 7.6132

Sweetspot

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



38.7051, 54.1632, -120.1258



78.5293, 10.1486, -22.8622



77.8129, -29.0494, -24.6476



35.1598, 5.6352, -12.3836

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.7051, 54.1632, -120.1258



31.7313, 67.0207, -156.0489



48.7151, 73.7961, -83.8349



41.8867, 0.5385, -2.8437



20.3920, 53.4217, -130.2313



6.6851, 16.9430, -38.2729

Inverse Universe

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



55.7328, 83.3429, -36.2241



52.2591, 92.5763, -37.6332



87.5955, -59.2940, 48.7883



42.7051, 3.1566, -0.5953



36.6934, 69.2571, -26.0451



11.5133, 21.8356, -8.9840

Previews

White Background



This preview shows how the HunterLab color 38.7047, 54.1614, -120.1276 looks on a white background.

Color Contrast Check

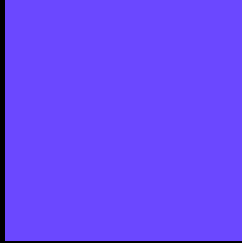
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.7047, 54.1614, -120.1276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

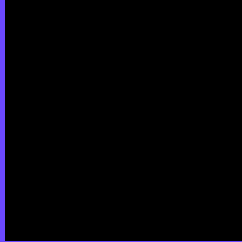
Any Text WCAG AA ✗ Fail

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 38.7047, 54.1614, -120.1276 Background



This preview shows how black text looks on a background with the HunterLab color 38.7047, 54.1614, -120.1276.



This preview shows how white text looks on a background with the HunterLab color 38.7047, 54.1614, -120.1276.

-120.1276.

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

38.7047, 54.1614, -120.1276

Protanopia

38.6815, 13.5485, -77.5958

Deuteranopia

38.3923, 0.4411, -48.9392



Tritanopia

38.4466, -13.7379, -6.9897

Trichromacy



Original Color

38.7047, 54.1614, -120.1276

Protanomaly

37.2225, 26.3952, -97.0234

Deuteranomaly

36.8111, 17.5459, -77.3336

Tritanomaly

36.8075, 7.5913, -40.8702

Monochromacy



Original Color

38.7047, 54.1614, -120.1276

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.1469, 14.3101, -30.5344

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.7047, 54.1614, -120.1276 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(107, 72, 255)` looks like.

```
.text, #text, p{  
    color:rgb(107, 72, 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(107, 72, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 72, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 38.7047, 54.1614, -120.1276 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(107, 72, 255) }
```


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

```
.border{ border-color:rgb(107, 72, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 72, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 72, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 72, 255);  
box-shadow:4px 4px 4px 4px rgb(107, 72,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.7047, 54.1614, -120.1276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 72, 255) }
```

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

```
.background{ background-color: rgb(107, 72,  
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](#).

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