

Converting Colors

HunterLab(38.2374, 80.2587,
-121.7299)

Have a look what the booklet for
HunterLab(38.2374, 80.2587,
-121.7299) contains.

HunterLab(38.2166, 80.2179, -121.8230)	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(38.2166, 80.2179,
-121.8230)**

Conversions

Conversions Part 1

Format	Color
Hex	9917FF
RGB	153, 23, 255
RGB Percent	60%, 9%, 100%
CMY	0.4000, 0.9098, 0.0000
CMYK	0.40, 0.91, 0.00, 0.00
HSL	274°, 100%, 55%
HSV	274°, 91%, 100%
XYZ	31.4933, 14.6051, 95.7669
YIQ	88.3180, 3.0080, 99.7120

Conversions

Conversions Part 2

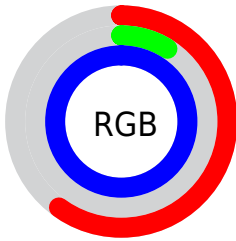
Format	Color
R_{YB}	153, 23, 255
Decimal	10033151
CIE _{Lab}	45.09, 82.68, -86.30
CIE _{LCh}	45, 119.511, 313.773
Yxy	14.6055, 0.2220, 0.1030
Android (android.graphics.Color)	4288223231 (0xFF9917FF)
YUV	88.3180, 82.1742, 56.7261
Hunter-Lab	38.2166, 80.2179, -121.8230

Details

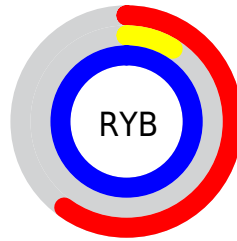
The HunterLab color **38.2166, 80.2179, -121.8230** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle washed purple. A complement of this color would be **87.1444, -61.6159, 52.0678**, and the grayscale version is **31.0629, -1.6574, 1.6877**.

A 20% lighter version of the original color is **54.4725, 68.7699, -68.2053**, and **24.8094, 58.7351, -109.9225** is the 20% darker color. If you saturate the color by 10%, you get **36.1250, 81.8507, -131.5816**, and if you desaturate by 10%, it is **41.5817, 75.2539, -107.9584**.

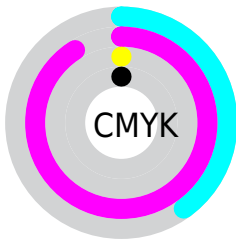
Distribution



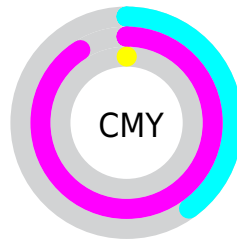
- Red (60%)
- Green (9%)
- Blue (100%)



- Red (60%)
- Yellow (9%)
- Blue (100%)



- Cyan (40%)
- Magenta (91%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (91%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.2166, 80.2179, -121.8230 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 38.2166, 80.2179, -121.8230 by changing the saturation by 10% instead.

38.2166, 80.2179,
-121.8230

38.2166, 80.2179,
-121.8230

148.6491,
100.8222, -122.3634

29.2284, 77.8871,
-125.9439

58.4462, 85.2028,
-118.6875

21.0815, 75.9857,
-133.7733

69.5844, 87.6704,
-118.4077

13.8747, 75.2399,
-149.5357

81.3522, 90.0726,
-118.5831

7.5059, 81.4347,
-193.1425

93.7173, 92.3953,
-119.0569

0.0000, INF, -NF

0.0000, NaN, -NF

106.6523, 94.6325,
-119.7289

0.0000, NaN, -NF

120.1331, 96.7821,

0.0000, NaN, -NF

-120.5322

134.1383, 98.8447,
-121.4211

■ 38.2166, 80.2179,
-121.8230

■ 38.2166, 80.2179,
-121.8230

■ 36.1250, 81.8507,
-131.5816

■ 41.5817, 75.2539,
-107.9584

■ 46.1310, 67.3673,
-91.9898

■ 51.7276, 57.7352,
-75.5540

■ 58.1995, 47.3064,
-59.6899

■ 65.3880, 36.6603,
-44.8512

73.1626, 26.0896,
-31.1297

81.4217, 15.7142,
-18.4452

90.0871, 5.5643,
-6.6565

99.0991, -4.3716,
4.3850

Harmonies

Analogous

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



38.2171, 21.3301, -202.4036



38.2166, 80.2179, -121.8230



38.2171, 125.0342, -29.6166

Triad

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



38.2171, 80.2189, -121.8208



38.2171, 25.8911, 26.7520



38.2171, -55.5432, -23.8015

Complementary

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



38.2166, 80.2179, -121.8230



87.1444, -61.6159, 52.0678

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.



38.2171, -55.2345, 18.8941



38.2166, 80.2179, -121.8230



38.2171, -20.8703, 26.7520

Square

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



38.2171, 80.2189, -121.8208



38.2171, 84.8840, 26.7520



38.2171, -45.9471, 26.7520



38.2171, -47.1804, -113.5595

Rectangle

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



38.2166, 80.2179, -121.8230



38.2171, 131.9723, 7.2041



38.2171, -45.9471, 26.7520



38.2171, -56.2614, -3.8688

Sweetspot

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



38.2171, 80.2189, -121.8208



76.3973, 21.9327, -25.9631



47.6279, 14.2601, -88.1754



34.0592, 11.7956, -14.0573

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.2171, 80.2189, -121.8208



36.1250, 81.8507, -131.5816



53.2616, 100.4501, -60.1662



42.2845, 1.8896, -2.3052



26.2849, 59.3660, -94.2720



8.5874, 18.9836, -27.6084

Inverse Universe

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



48.3252, 82.5633, 7.4213



47.3627, 83.5849, 11.4194



84.7473, -71.6173, 49.8764



42.5673, 2.4180, 1.3643



34.2785, 60.5739, 7.6468



10.7963, 19.2667, 0.9475

Previews

White Background



This preview shows how the HunterLab color 38.2166, 80.2179, -121.8230 looks on a white background.

Color Contrast Check

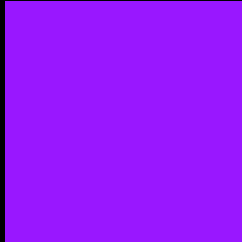
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.2166, 80.2179, -121.8230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

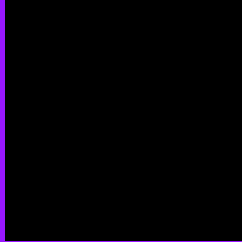
Any Text WCAG AA × Fail

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 38.2166, 80.2179, -121.8230 Background



This preview shows how black text looks on a background with the HunterLab color 38.2166, 80.2179, -121.8230.



This preview shows how white text looks on a background with the HunterLab color 38.2166, 80.2179, -121.8230.

-121.8230.

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

38.2166, 80.2179, -121.8230

Protanopia

38.3539, 13.7425, -77.6052

Deuteranopia

38.3923, 0.4411, -48.9392



Tritanopia

38.1432, 5.5045, 1.1109

Trichromacy



Original Color

38.2166, 80.2179, -121.8230

Protanomaly

33.9232, 37.9976, -110.5653

Deuteranomaly

33.2310, 29.0730, -90.1459

Tritanomaly

35.1572, 32.7941, -35.4083

Monochromacy



Original Color

38.2166, 80.2179, -121.8230

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

30.4655, 28.3628, -36.0668

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.2166, 80.2179, -121.8230 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(153, 23, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 23, 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(153, 23, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 23, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 38.2166, 80.2179, -121.8230 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(153, 23, 255) }
```


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

```
.border{ border-color:rgb(153, 23, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 23, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 23, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 23, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 23,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.2166, 80.2179, -121.8230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 23, 255) }
```

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

```
.background{ background-color: rgb(153, 23,  
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