

Converting Colors

HunterLab(38.5493, 68.9606,
-120.5486)

Have a look what the booklet for
HunterLab(38.5493, 68.9606,
-120.5486) contains.

HunterLab(38.4992, 68.8788, -120.7700)	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>	30

Color

**HunterLab(38.4992, 68.8788,
-120.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	8833FF
RGB	136, 51, 255
RGB Percent	53%, 20%, 100%
CMY	0.4666, 0.8000, 0.0000
CMYK	0.47, 0.80, 0.00, 0.00
HSL	265°, 100%, 60%
HSV	265°, 80%, 100%
XYZ	29.3872, 14.8219, 95.9197
YIQ	99.6710, -14.8240, 81.4640

Conversions

Conversions Part 2

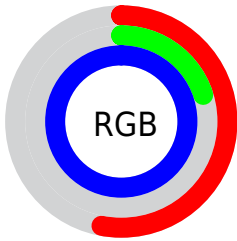
Format	Color
R _Y B	136, 51, 255
Decimal	8926207
CIE Lab	45.39, 73.49, -85.88
CIE LCh	45, 113.033, 310.554
Yxy	14.8222, 0.2097, 0.1058
Android (android.graphics.Color)	4287116287 (0xFF8833FF)
YUV	99.6710, 76.5772, 31.8605
Hunter-Lab	38.4992, 68.8788, -120.7700

Details

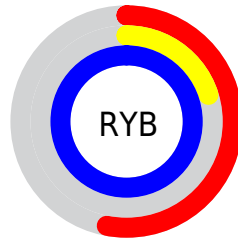
The HunterLab color $38.4992, 68.8788, -120.7700$ is a dark color, and the websafe version is hex $9933FF$. The color can be described as middle washed purple. A complement of this color would be $89.6127, -51.3833, 52.2473$, and the grayscale version is $35.3009, -1.8836, 1.9180$.

A 20% lighter version of the original color is $54.7274, 56.5488, -67.7824$, and $23.0140, 56.9280, -120.9090$ is the 20% darker color. If you saturate the color by 10%, you get $34.6572, 74.8681, -139.1844$, and if you desaturate by 10%, it is $43.6184, 60.3880, -100.6644$.

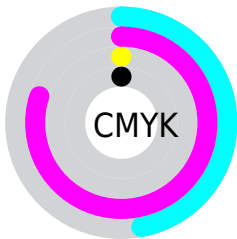
Distribution



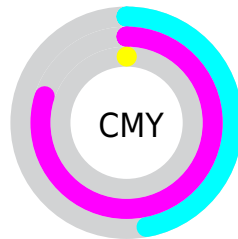
- Red (53%)
- Green (20%)
- Blue (100%)



- Red (53%)
- Yellow (20%)
- Blue (100%)



- Cyan (47%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.4992, 68.8788, -120.7700 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 38.4992, 68.8788, -120.7700 by changing the saturation by 10% instead.

38.4992, 68.8788,
-120.7700

38.4992, 68.8788,
-120.7700

149.0932, 87.4862,
-121.5773

29.4868, 66.5651,
-124.7342

58.7716, 73.5681,
-117.7906

21.3134, 64.4836,
-132.2811

69.9293, 75.8250,
-117.5511

14.0765, 63.1284,
-147.4546

81.7155, 77.9962,
-117.7534

7.7245, 66.4042,
-187.8558

94.0981, 80.0757,
-118.2454

0.0000, INF, -NF

0.0000, NaN, -NF

107.0499, 82.0625,
-118.9294

0.0000, NaN, -NF

120.5467, 83.9579,

0.0000, NaN, -NF

-119.7401

134.5674, 85.7647,
-120.6332

■ 38.4992, 68.8788,
-120.7700

■ 38.4992, 68.8788,
-120.7700

■ 34.6572, 74.8681,
-139.1844

■ 43.6184, 60.3880,
-100.6644

■ 32.0936, 77.4573,
-153.6474

■ 49.8025, 50.7480,
-81.0541

■ 56.8391, 40.8246,
-62.9486

■ 64.5533, 31.0323,
-46.5733

■ 72.8125, 21.5203,
-31.7940

81.5188, 12.3106,
-18.3628

90.5993, 3.3738,
-6.0273

99.9996, -5.3354,
5.4327

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.



38.4997, 14.5069, -187.1231



38.4992, 68.8788, -120.7700



38.4997, 112.9356, -34.9538

Triad

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



38.4997, 68.8802, -120.7680



38.4997, 29.9606, 26.9498



38.4997, -54.6260, -15.5285

Complementary

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



38.4992, 68.8788, -120.7700



89.6127, -51.3833, 52.2473

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.



38.4997, -53.4622, 20.2966



38.4992, 68.8788, -120.7700



38.4997, -16.2202, 26.9498

Square

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



38.4997, 68.8802, -120.7680



38.4997, 84.4158, 26.4364



38.4997, -42.7633, 26.9498



38.4997, -47.2463, -93.9399

Rectangle

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



38.4992, 68.8788, -120.7700



38.4997, 122.4876, 2.8583



38.4997, -42.7633, 26.9498



38.4997, -55.0953, 1.3171

Sweetspot

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



38.4997, 68.8802, -120.7680



77.9882, 15.9591, -23.5896



60.5583, -6.3790, -55.4223



34.6506, 8.9052, -13.1419

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.4997, 68.8802, -120.7680



33.0148, 76.6835, -148.2162



52.6922, 92.3912, -72.3678



42.1277, 1.3587, -2.5168



23.3768, 56.1713, -109.9916



7.7100, 17.9678, -31.9486

Inverse Universe

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



51.5069, 82.0278, -10.5988



48.7659, 87.0617, -5.0635



85.4330, -68.5632, 49.2696



42.6202, 2.7019, 0.6112



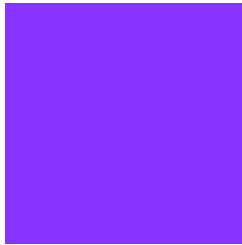
35.0269, 63.2962, -3.0378



11.0289, 20.1090, -2.3436

Previews

White Background



This preview shows how the HunterLab color 38.4992, 68.8788, -120.7700 looks on a white background.

Color Contrast Check

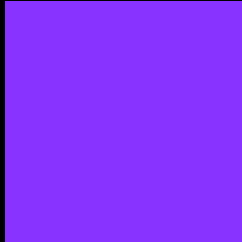
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.4992, 68.8788, -120.7700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

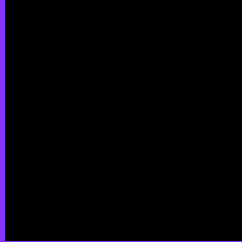
Any Text WCAG AA × Fail

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 38.4992, 68.8788, -120.7700 Background



This preview shows how black text looks on a background with the HunterLab color 38.4992, 68.8788, -120.7700.



This preview shows how white text looks on a background with the HunterLab color 38.4992, 68.8788, -120.7700.

-120.7700.

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

38.4992, 68.8788, -120.7700

Deuteranopia

38.3923, 0.4411, -48.9392

Tritanopia

38.3346, -2.9651, -1.9855

Trichromacy



Original Color

38.4992, 68.8788, -120.7700

Deuteranomaly

35.4277, 22.2577, -82.0211

Tritanomaly

36.2176, 21.3572, -37.1583

Monochromacy



Original Color

38.4992, 68.8788, -120.7700

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

34.5624, 21.2611, -32.2857

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.4992, 68.8788, -120.7700 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(136, 51, 255)` looks like.

```
.text, #text, p{  
    color:rgb(136, 51, 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(136, 51, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 51, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 38.4992, 68.8788, -120.7700 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(136, 51, 255) }
```

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

```
.border{ border-color:rgb(136, 51, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 51, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 51, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 51, 255);  
box-shadow:4px 4px 4px 4px rgb(136, 51,  
255) }
```


Background

The CSS property to change the background color of an element to HunterLab 38.4992, 68.8788, -120.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 51, 255) }
```

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

```
.background{ background-color: rgb(136, 51,  
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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