

# Converting Colors

HunterLab(38.7574, 72.4818,  
-66.5477)

Have a look what the booklet for  
HunterLab(38.7574, 72.4818,  
-66.5477) contains.

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# Color

**HunterLab(38.7511, 72.2864,  
-66.1594)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B31DD0
RGB	179, 29, 208
RGB Percent	70%, 11%, 82%
CMY	0.2980, 0.8862, 0.1843
CMYK	0.14, 0.86, 0.00, 0.18
HSL	290°, 76%, 46%
HSV	290°, 86%, 82%
XYZ	30.4149, 15.0165, 60.9699
YIQ	94.2560, 31.9410, 87.4690

# Conversions

## Conversions Part 2

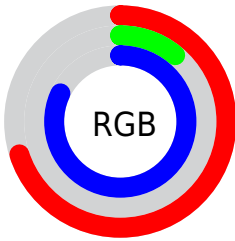
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 29, 208
Decimal	11738576
CIE <sub>Lab</sub>	45.66, 76.23, -58.54
CIE <sub>LCh</sub>	46, 96.116, 322.478
Yxy	15.0171, 0.2859, 0.1411
Android (android.graphics.Color)	4289928656 (0xFFB31DD0)
YUV	94.2560, 56.0758, 74.3205
Hunter-Lab	38.7511, 72.2864, -66.1594

# Details

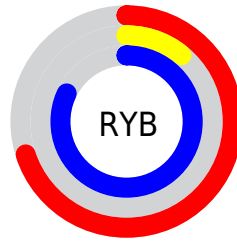
The HunterLab color  $38.7511, 72.2864, -66.1594$  is a dark color, and the websafe version is hex  $9900CC$ . The color can be described as middle washed purple. A complement of this color would be  $67.8972, -54.3497, 39.8710$ , and the grayscale version is  $33.3430, -1.7791, 1.8116$ .

A 20% lighter version of the original color is  $58.4124, 74.7775, -58.7265$ , and  $25.2287, 52.3208, -54.3633$  is the 20% darker color. If you saturate the color by 10%, you get  $37.3089, 74.8713, -70.5326$ , and if you desaturate by 10%, it is  $40.9991, 67.1229, -59.8588$ .

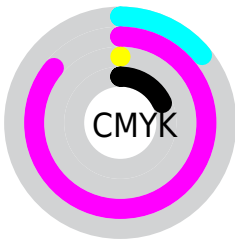
# Distribution



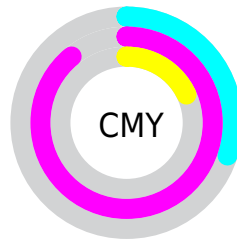
- Red (70%)
- Green (11%)
- Blue (82%)



- Red (70%)
- Yellow (11%)
- Blue (82%)



- Cyan (14%)
- Magenta (86%)
- Yellow (0%)
- Black (18%)



- Cyan (30%)
- Magenta (89%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.7511, 72.2864, -66.1594 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 38.7511, 72.2864, -66.1594 by changing the saturation by 10% instead.



38.7511, 72.2864,  
-66.1594

38.7511, 72.2864,  
-66.1594

149.4890, 91.4943,  
-72.2762

29.7177, 69.9500,  
-66.5250

59.0620, 77.0725,  
-66.8656

21.5206, 67.8905,  
-68.0120

70.2370, 79.3938,  
-67.5394

14.2571, 66.6424,  
-71.9568

82.0395, 81.6341,  
-68.3012

7.9141, 69.7904,  
-84.3396

94.4377, 83.7857,  
-69.1039

0.0000, INF, -NF

0.0000, NaN, -NF

107.4044, 85.8462,  
-69.9182

0.0000, NaN, NaN

120.9155, 87.8163,

0.0000, NaN, NaN

-70.7257

134.9500, 89.6980,  
-71.5144

■ 38.7511, 72.2864,  
-66.1594

■ 38.7511, 72.2864,  
-66.1594

■ 37.3089, 74.8713,  
-70.5326

■ 40.9991, 67.1229,  
-59.8588

■ 36.8613, 75.4803,  
-71.9494

■ 44.0653, 59.8048,  
-52.0926

■ 47.8948, 51.0055,  
-43.4670

■ 52.4000, 41.3659,  
-34.5084

■ 57.4865, 31.3642,  
-25.5749

■ 63.0667, 21.3028,  
-16.8667

■ 69.0656, 11.3481,  
-8.4717

■ 75.4210, 1.5771,  
-0.4098

■ 82.0827, -7.9862,  
7.3350

# Harmonies

## Analogous

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



38.7519, 29.1475, -127.5650



38.7511, 72.2864, -66.1594



38.7519, 97.0357, -7.8665

# Triad

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



38.7519, 72.2852, -66.1574



38.7519, 7.7174, 27.1263



38.7519, -48.4098, -33.8357

# Complementary

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



38.7511, 72.2864, -66.1594



67.8972, -54.3497, 39.8710

# 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.



38.7519, -50.4632, 9.9825



38.7511, 72.2864, -66.1594



38.7519, -25.7451, 27.1263

# Square

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



38.7519, 72.2852, -66.1574



38.7519, 51.6495, 26.8602



38.7519, -43.9688, 24.8571



38.7519, -36.6488, -99.5273



# Rectangle

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



38.7511, 72.2864, -66.1594



38.7519, 95.0667, 14.0931



38.7519, -43.9688, 24.8571



38.7519, -50.0187, -15.6027

# Sweetspot

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



38.7519, 72.2852, -66.1574



79.2248, 27.1412, -21.5091



28.1547, 35.9883, -107.6881



35.4861, 14.6079, -11.7114

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



38.7519, 72.2852, -66.1574



46.3349, 94.9316, -90.8465



40.5436, 69.1593, -14.9821



34.5081, 2.2777, -1.4510



29.1617, 59.6731, -56.6038



7.0854, 14.3737, -12.7841



# Inverse Universe

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



38.2028, 60.3094, 18.3825



46.2842, 79.6137, 27.1899



67.8888, -53.4615, 32.7058



34.4079, 1.4466, 2.2461



29.0485, 50.0231, 16.6258

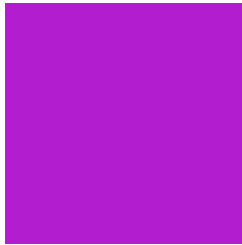


6.9412, 12.0957, 2.8676



# Previews

## White Background



This preview shows how the HunterLab color 38.7511, 72.2864, -66.1594 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

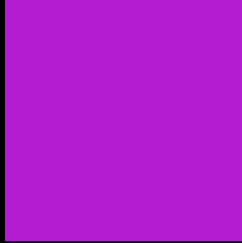
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 38.7511, 72.2864, -66.1594 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

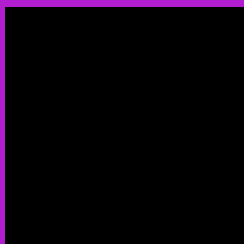
Any Text WCAG AA × Fail

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 38.7511, 72.2864, -66.1594 Background



This preview shows how black text looks on a background with the HunterLab color 38.7511, 72.2864, -66.1594.



This preview shows how white text looks on a background with the HunterLab color 38.7511, 72.2864, -66.1594.

-66.1594.

# 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

38.7511, 72.2864, -66.1594

### Protanopia

39.2136, 14.3880, -80.0733

### Deuteranopia

39.3036, 3.1086, -54.5082



## Tritanopia

38.9164, 25.6803, 9.3505

# Trichromacy



## Original Color

38.7511, 72.2864, -66.1594



## Protanomaly

33.8250, 32.4083, -93.6564



## Deuteranomaly

33.9276, 25.8149, -74.1341



## Tritanomaly

37.3321, 42.5163, -12.0720

# Monochromacy



## Original Color

38.7511, 72.2864, -66.1594



## Achromatopsia

33.4563, -1.7851, 1.8177



## Achromatomaly

32.3876, 26.1068, -21.5472

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 38.7511, 72.2864, -66.1594 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(179, 29, 208)` looks like.

```
.text, #text, p{  
    color:rgb(179, 29, 208)  
}
```

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(179, 29, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 29, 208) }
```

## Border

The CSS property to change the border of an element to HunterLab 38.7511, 72.2864, -66.1594 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".

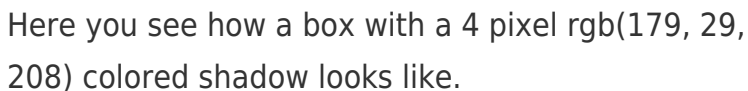
```
.border, #border, table{ border:4px solid rgb(179, 29, 208) }
```



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

```
.border{ border-color:rgb(179, 29, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 29, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 29, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 29, 208); box-shadow:4px 4px 4px 4px rgb(179, 29, 208) }
```

# Background

The CSS property to change the background color of an element to HunterLab 38.7511, 72.2864, -66.1594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 29, 208) }
```

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

```
.background{ background-color: rgb(179, 29,  
208) }
```

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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