

# Converting Colors

HunterLab(82.3058, 42.0411,  
-91.2710)

Have a look what the booklet for  
HunterLab(82.3058, 42.0411,  
-91.2710) contains.

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# Color

**HunterLab(77.4463, 16.8477,  
-24.4111)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBC0FF
RGB	219, 192, 255
RGB Percent	86%, 75%, 100%
CMY	0.1412, 0.2470, 0.0000
CMYK	0.14, 0.25, 0.00, 0.00
HSL	266°, 100%, 88%
HSV	266°, 25%, 100%
XYZ	66.1130, 59.9793, 102.7003
YIQ	207.2550, -4.1310, 25.3170

# Conversions

## Conversions Part 2

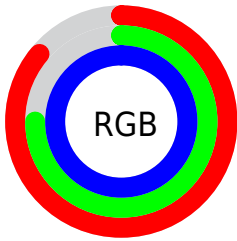
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 192, 255
Decimal	14401791
CIE <sub>Lab</sub>	81.83, 21.35, -27.47
CIE <sub>LCh</sub>	82, 34.790, 307.849
Yxy	59.9817, 0.2890, 0.2622
Android (android.graphics.Color)	4292591871 (0xFFDBC0FF)
YUV	207.2550, 23.5383, 10.3004
Hunter-Lab	77.4463, 16.8477, -24.4111

# Details

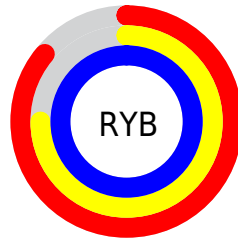
The HunterLab color  $77.4463, 16.8477, -24.4111$  is a light color, and the websafe version is hex  $CCCCFF$ . A complement of this color would be  $95.8229, -23.7496, 27.7719$ , and the grayscale version is  $79.0055, -4.2155, 4.2925$ .

A 20% lighter version of the original color is  $98.0976, -2.1450, 3.2290$ , and  $54.8094, 16.0691, -23.7390$  is the 20% darker color. If you saturate the color by 10%, you get  $68.9743, 26.2841, -38.3626$ , and if you desaturate by 10%, it is  $86.3288, 7.6912, -11.6459$ .

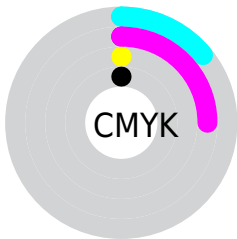
# Distribution



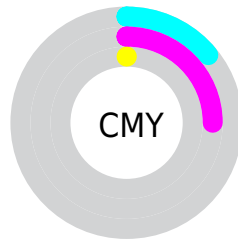
- Red (86%)
- Green (75%)
- Blue (100%)



- Red (86%)
- Yellow (75%)
- Blue (100%)



- Cyan (14%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (25%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.4463, 16.8477, -24.4111 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 77.4463, 16.8477, -24.4111 by changing the saturation by 10% instead.



77.4463, 16.8477,  
-24.4111

77.4463, 16.8477,  
-24.4111

206.0414, 17.3812,  
-25.5878

65.8816, 16.4752,  
-24.0144

102.3734, 17.3658,  
-25.0272

54.9565, 16.0202,  
-23.5637

115.6787, 17.5273,  
-25.2540

44.7125, 15.4707,  
-23.0606

129.5151, 17.6299,  
-25.4285

35.1984, 14.8139,  
-22.5170

143.8630, 17.6774,  
-25.5527

26.4752, 14.0336,  
-21.9628

158.7048, 17.6735,  
-25.6288

18.6225, 13.1097,  
-21.4745

174.0246, 17.6211,

11.7501, 12.0219,

-25.6588

-21.2739

189.8078, 17.5229,  
-25.6446

4.4989, 20.4353,  
-32.2289

0.0000, NaN, -NF

77.4463, 16.8477,  
-24.4111

77.4463, 16.8477,  
-24.4111

68.9743, 26.2841,  
-38.3626

86.3288, 7.6912,  
-11.6459

60.9919, 36.0116,  
-53.7545

95.5547, -1.2174,  
0.1566

53.6136, 45.9512,  
-70.7836

100.0000, -5.3358,  
5.4332

46.9901, 55.8388,  
-89.4392

■ 41.3137, 65.0605,  
-109.1770

■ 36.8001, 72.5044,  
-128.4805

■ 33.6198, 76.7494,  
-144.7850

■ 32.3871, 77.7561,  
-151.8771

# Harmonies

## Analogous

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



77.4479, 0.3549, -33.1212



77.4463, 16.8477, -24.4111



77.4479, 28.3461, -8.3802

# Triad

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



77.4479, 16.8459, -24.4088



77.4479, 8.5116, 27.7446



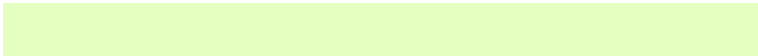
77.4479, -33.7931, -0.1293

# Complementary

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



77.4463, 16.8477, -24.4111



95.8229, -23.7496, 27.7719

# 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.



77.4479, -32.0156, 14.9972



77.4463, 16.8477, -24.4111



77.4479, -8.5280, 29.0280

# Square

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



77.4479, 16.8459, -24.4088



77.4479, 23.2538, 20.8975



77.4479, -23.0987, 24.8824



77.4479, -28.1808, -17.2710



# Rectangle

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



77.4463, 16.8477, -24.4111



77.4479, 31.1163, 3.0454



77.4479, -23.0987, 24.8824



77.4479, -34.0305, 5.3680

# Sweetspot

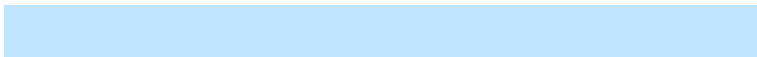
The Sweet Spot groups the original color and five complimentary colors.



77.4479, 16.8459, -24.4088



93.4087, 0.8085, -2.4790



86.2140, -10.6233, -12.1238



42.9553, 0.6213, -1.4707

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



77.4479, 16.8459, -24.4088



72.9049, 21.8074, -31.6345



80.7460, 27.2235, -19.2364



42.1406, 1.4024, -2.4994



23.5898, 56.3903, -108.7244



7.7765, 18.0409, -31.5900



# Inverse Universe

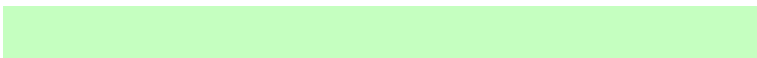
The Inverse Universe completely reimagines the original color for something new.



80.3510, 23.9870, -4.2294



76.5412, 30.4029, -5.9519



93.3973, -32.7821, 25.3177



42.6158, 2.6783, 0.6739



34.9559, 63.0392, -2.0341



11.0074, 20.0317, -2.0429



# Previews

## White Background



This preview shows how the HunterLab color 77.4463, 16.8477, -24.4111 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

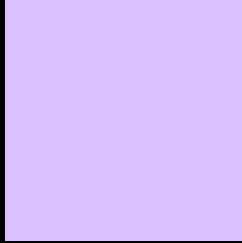
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 77.4463, 16.8477, -24.4111 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

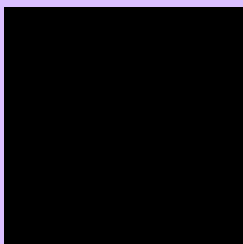
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 77.4463, 16.8477, -24.4111 Background



This preview shows how black text looks on a background with the HunterLab color 77.4463, 16.8477, -24.4111.



This preview shows how white text looks on a background with the HunterLab color 77.4463, 16.8477, -24.4111.

-24.4111.

# 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

77.4463, 16.8477, -24.4111

### Protanopia

77.7227, 2.7146, -24.2307

### Deuteranopia

77.4651, 6.3823, -23.9210



## Tritanopia

77.2982, 2.9141, -1.6304

# Trichromacy



## Original Color

77.4463, 16.8477, -24.4111

## Protanomaly

77.4762, 8.0241, -24.5192

## Deuteranomaly

77.3029, 10.3845, -24.1013

## Tritanomaly

77.2270, 8.2666, -9.7434

# Monochromacy



## Original Color

77.4463, 16.8477, -24.4111

## Achromatopsia

78.9912, -4.2148, 4.2917

## Achromatomaly

78.4039, 2.6697, -4.9700

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.4463, 16.8477, -24.4111 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(219, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 192, 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(219, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 192, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.4463, 16.8477, -24.4111 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(219, 192, 255) }
```



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

```
.border{ border-color:rgb(219, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 192,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.4463, 16.8477, -24.4111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 192, 255) }
```

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

```
.background{ background-color: rgb(219,  
192, 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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