

# Converting Colors

HunterLab(76.1202, 18.6165,  
-21.4271)

Have a look what the booklet for  
HunterLab(76.1202, 18.6165,  
-21.4271) contains.

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# Color

**HunterLab(76.0169, 18.8568,  
-21.4616)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DEBBF7
RGB	222, 187, 247
RGB Percent	87%, 73%, 97%
CMY	0.1294, 0.2666, 0.0314
CMYK	0.10, 0.24, 0.00, 0.03
HSL	275°, 79%, 85%
HSV	275°, 24%, 97%
XYZ	64.6831, 57.7857, 95.7403
YIQ	204.3050, 1.6000, 26.0800

# Conversions

## Conversions Part 2

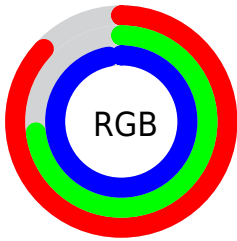
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 187, 247
Decimal	14597111
CIE Lab	80.62, 23.33, -25.02
CIE LCh	81, 34.211, 313.004
Yxy	57.7881, 0.2964, 0.2648
Android (android.graphics.Color)	4292787191 (0xFFDEBBF7)
YUV	204.3050, 21.0486, 15.5185
Hunter-Lab	76.0169, 18.8568, -21.4616

# Details

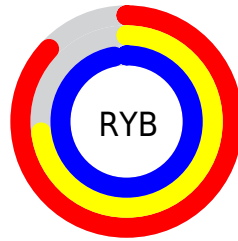
The HunterLab color  $76.0169, 18.8568, -21.4616$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $91.7104, -25.4484, 25.6702$ , and the grayscale version is  $77.7507, -4.1486, 4.2243$ .

A 20% lighter version of the original color is  $96.2191, 1.0662, 1.0114$ , and  $53.7762, 17.6030, -20.8993$  is the 20% darker color. If you saturate the color by 10%, you get  $68.2771, 29.0901, -33.8325$ , and if you desaturate by 10%, it is  $84.1785, 8.8256, -9.9544$ .

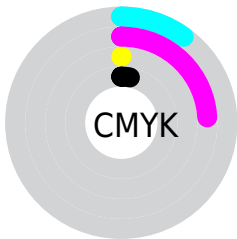
# Distribution



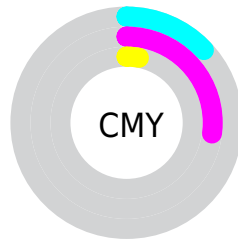
- Red (87%)
- Green (73%)
- Blue (97%)



- Red (87%)
- Yellow (73%)
- Blue (97%)



- Cyan (10%)
- Magenta (24%)
- Yellow (0%)
- Black (3%)



- Cyan (13%)
- Magenta (27%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.0169, 18.8568, -21.4616 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 76.0169, 18.8568, -21.4616 by changing the saturation by 10% instead.



76.0169, 18.8568,  
-21.4616

76.0169, 18.8568,  
-21.4616

204.0578, 20.1111,  
-22.0730

64.5278, 18.3886,  
-21.1260

100.8039, 19.5548,  
-21.9526

53.6826, 17.8333,  
-20.7322

114.0436, 19.8012,  
-22.1157

43.5239, 17.1784,  
-20.2804

127.8170, 19.9857,  
-22.2263

34.1018, 16.4106,  
-19.7783

142.1041, 20.1126,  
-22.2870

25.4791, 15.5136,  
-19.2485

156.8872, 20.1855,  
-22.3000

17.7380, 14.4686,  
-18.7532

172.1500, 20.2077,

10.9938, 13.2624,

-22.2674

-18.4834

187.8780, 20.1821,  
-22.1911

2.6217, 38.6431,  
-45.7639

0.0000, NaN, -NF

76.0169, 18.8568,  
-21.4616

76.0169, 18.8568,  
-21.4616

68.2771, 29.0901,  
-33.8325

84.1785, 8.8256,  
-9.9544

61.0367, 39.4695,  
-47.1769

92.6936, -0.9936,  
0.8143

54.4033, 49.8194,  
-61.5055

99.5466, -7.4234,  
8.7993

48.5101, 59.7634,  
-76.6132

99.7474, -6.7213,  
9.0409

■ 43.5124, 68.6204,  
-91.8909

■ 39.5641, 75.3854,  
-106.1713

■ 36.7593, 79.0042,  
-117.8978

■ 35.5699, 79.7936,  
-123.3631

# Harmonies

## Analogous

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



76.0185, 3.2248, -31.6095



76.0169, 18.8568, -21.4616



76.0185, 28.7856, -5.2409

# Triad

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



76.0185, 18.8551, -21.4599



76.0185, 5.4550, 27.7454



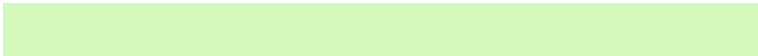
76.0185, -32.6161, -2.9849

# Complementary

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



76.0169, 18.8568, -21.4616



91.7104, -25.4484, 25.6702

# 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.



76.0185, -32.1304, 12.4557



76.0169, 18.8568, -21.4616



76.0185, -11.0809, 28.0957

# Square

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



76.0185, 18.8551, -21.4599



76.0185, 20.6075, 22.0060



76.0185, -24.5464, 23.0943



76.0185, -25.9353, -19.5072



# Rectangle

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



76.0169, 18.8568, -21.4616



76.0185, 30.3546, 5.7055



76.0185, -24.5464, 23.0943



76.0185, -33.2676, 2.5362

# Sweetspot

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



76.0185, 18.8551, -21.4599



93.6759, 1.7204, -2.1270



80.5425, -5.5862, -15.2450



43.0899, 1.0795, -1.2924

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.0185, 18.8551, -21.4599



74.9435, 24.5766, -28.2369



78.6055, 26.6385, -15.0560



40.5021, 1.8723, -2.1540



26.0319, 58.2230, -88.9347



8.0984, 17.7231, -24.6449



# Inverse Universe

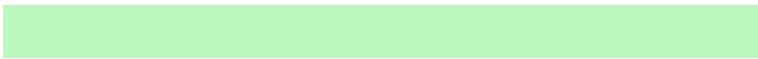
The Inverse Universe completely reimagines the original color for something new.



77.5053, 21.0058, 0.4757



76.8600, 27.2281, -0.1413



89.9163, -31.9690, 22.3431



40.7395, 2.2516, 1.4233



33.1688, 58.4422, 8.7237

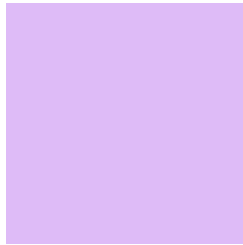


9.9344, 17.6954, 1.1303



# Previews

## White Background



This preview shows how the HunterLab color 76.0169, 18.8568, -21.4616 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

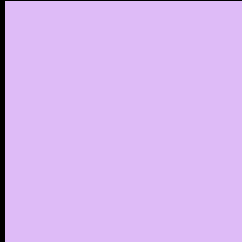
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 76.0169, 18.8568, -21.4616 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 76.0169, 18.8568, -21.4616 Background



This preview shows how black text looks on a background with the HunterLab color 76.0169, 18.8568, -21.4616.



This preview shows how white text looks on a background with the HunterLab color 76.0169, 18.8568, -21.4616.

-21.4616.

# 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

76.0169, 18.8568, -21.4616

### Protanopia

76.1888, 3.7127, -26.6115

### Deuteranopia

76.1201, 5.7234, -20.2812



## Tritanopia

76.0171, 5.7915, -0.1055

# Trichromacy



## Original Color

76.0169, 18.8568, -21.4616

## Protanomaly

75.9960, 8.9117, -24.8659

## Deuteranomaly

76.1023, 10.2691, -20.8537

## Tritanomaly

75.8253, 10.5843, -7.6796

# Monochromacy



## Original Color

76.0169, 18.8568, -21.4616

## Achromatopsia

77.7063, -4.1462, 4.2219

## Achromatomaly

77.0742, 4.0222, -4.5234

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.0169, 18.8568, -21.4616 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(222, 187, 247)` looks like.

```
.text, #text, p{  
    color:rgb(222, 187, 247)  
}
```

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(222, 187, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 187, 247) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.0169, 18.8568, -21.4616 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(222, 187, 247) }
```



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

```
.border{ border-color:rgb(222, 187, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 187, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 187, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 187, 247);  
box-shadow:4px 4px 4px 4px rgb(222, 187,  
247) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.0169, 18.8568, -21.4616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 187, 247) }
```

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

```
.background{ background-color: rgb(222,  
187, 247) }
```

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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