

# Converting Colors

HunterLab(80.0168, 5.7090,  
-9.7491)

Have a look what the booklet for  
HunterLab(80.0168, 5.7090, -9.7491)  
contains.

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# Color

**HunterLab(80.0324, 6.0180,  
-9.9345)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9CCED
RGB	217, 204, 237
RGB Percent	85%, 80%, 93%
CMY	0.1490, 0.2000, 0.0706
CMYK	0.08, 0.14, 0.00, 0.07
HSL	264°, 48%, 86%
HSV	264°, 14%, 93%
XYZ	65.4942, 64.0519, 89.0321
YIQ	211.6490, -2.8450, 13.0190

# Conversions

## Conversions Part 2

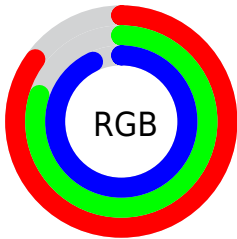
Format	Color
R <sub>Y</sub> B	217, 204, 237
Decimal	14273773
CIE Lab	83.99, 10.62, -14.62
CIE LCh	84, 18.072, 306.008
Yxy	64.0546, 0.2996, 0.2930
Android (android.graphics.Color)	4292463853 (0xFFD9CCED)
YUV	211.6490, 12.4980, 4.6928
Hunter-Lab	80.0324, 6.0180, -9.9345

# Details

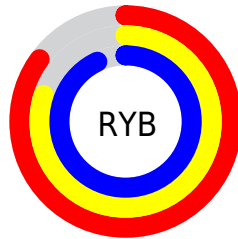
The HunterLab color  $80.0324, 6.0180, -9.9345$  is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be  $89.8760, -14.4329, 17.4407$ , and the grayscale version is  $80.9394, -4.3187, 4.3976$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $57.2977, 6.1078, -9.8226$  is the 20% darker color. If you saturate the color by 10%, you get  $71.7815, 14.1331, -21.7000$ , and if you desaturate by 10%, it is  $88.5941, -1.8699, 0.9385$ .

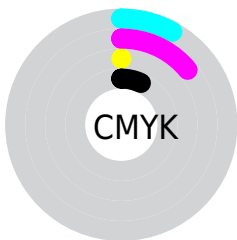
# Distribution



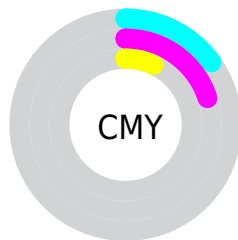
- Red (85%)
- Green (80%)
- Blue (93%)



- Red (85%)
- Yellow (80%)
- Blue (93%)



- Cyan (8%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (15%)
- Magenta (20%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.0324, 6.0180, -9.9345 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 80.0324, 6.0180, -9.9345 by changing the saturation by 10% instead.



80.0324, 6.0180,  
-9.9345

80.0324, 6.0180,  
-9.9345

209.6155, 2.8259,  
-7.5279

68.3336, 6.1396,  
-9.9610

105.2091, 5.6080,  
-9.7125

57.2665, 6.2022,  
-9.9287

118.6312, 5.3313,  
-9.5272

46.8712, 6.1970,  
-9.8310

132.5800, 5.0104,  
-9.2959

37.1943, 6.1152,  
-9.6627

147.0363, 4.6481,  
-9.0211

28.2938, 5.9447,  
-9.4187

161.9829, 4.2466,  
-8.7049

20.2445, 5.6686,  
-9.0971

177.4043, 3.8080,

13.1483, 5.2616,

-8.3495

-8.7095

193.2861, 3.3339,  
-7.9566

6.6497, 6.6070,  
-9.7027

0.0000, NaN, -NF

80.0324, 6.0180,  
-9.9345

80.0324, 6.0180,  
-9.9345

71.7815, 14.1331,  
-21.7000

88.5941, -1.8699,  
0.9385

63.8912, 22.5241,  
-34.5879

97.4200, -9.5711,  
11.1000

56.4371, 31.2129,  
-48.8492

99.4457, -8.3809,  
13.3623

49.5196, 40.1609,  
-64.7131

■ 43.2748, 49.1804,  
-82.2467

■ 37.8798, 57.7810,  
-101.0546

■ 33.5427, 64.9991,  
-119.8161

■ 30.4453, 69.4776,  
-136.0546

■ 29.0862, 70.8324,  
-144.1590

# Harmonies

## Analogous

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



80.0341, -2.4791, -13.5452



80.0324, 6.0180, -9.9345



80.0341, 11.9351, -2.5356

# Triad

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



80.0341, 6.0163, -9.9330



80.0341, 2.7893, 17.8244



80.0341, -20.5625, 2.6371

# Complementary

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



80.0324, 6.0180, -9.9345



89.8760, -14.4329, 17.4407

# 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.



80.0341, -19.2890, 10.6854



80.0324, 6.0180, -9.9345



80.0341, -6.0546, 18.8891

# Square

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



80.0341, 6.0163, -9.9330



80.0341, 10.0159, 13.3320



80.0341, -14.0706, 16.4169



80.0341, -17.6281, -5.7964



# Rectangle

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



80.0324, 6.0180, -9.9345



80.0341, 13.4866, 3.2171



80.0341, -14.0706, 16.4169



80.0341, -20.6106, 5.4793

# Sweetspot

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



80.0341, 6.0163, -9.9330



96.1822, -1.9529, 0.9134



85.1197, -8.5832, -3.5086



44.1685, -0.6075, 0.0230

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



80.0341, 6.0163, -9.9330



84.1100, 9.2820, -14.6992



81.6405, 11.3459, -7.6819



38.5205, 1.1360, -2.2903



21.6558, 52.5008, -105.4977



6.5006, 15.1648, -27.0573



# Inverse Universe

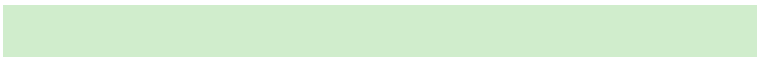
The Inverse Universe completely reimagines the original color for something new.



81.5934, 10.2934, -0.7888



86.2211, 14.9773, -2.1923



88.4973, -19.4165, 15.9168



38.9967, 2.4704, 0.4637



33.0906, 60.0533, -4.8553

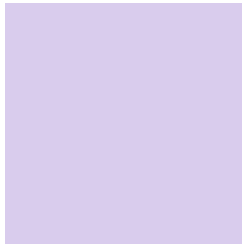


9.3737, 17.1920, -2.7738



# Previews

## White Background



This preview shows how the HunterLab color 80.0324, 6.0180, -9.9345 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

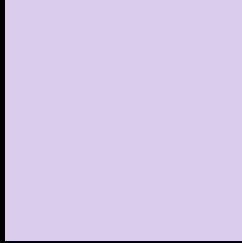
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 80.0324, 6.0180, -9.9345 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

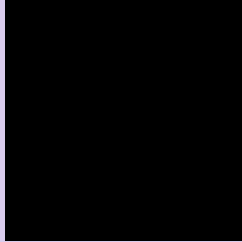
Any Text WCAG AA ✓ Pass

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 80.0324, 6.0180, -9.9345 Background



This preview shows how black text looks on a background with the HunterLab color 80.0324, 6.0180, -9.9345.



This preview shows how white text looks on a background with the HunterLab color 80.0324, 6.0180, -9.9345.

-9.9345.

# 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

80.0324, 6.0180, -9.9345

### Protanopia

80.1131, 0.2563, -11.0660

### Deuteranopia

80.0324, 6.0180, -9.9345



## Tritanopia

79.9484, 1.6763, -2.4797

# Trichromacy



## Original Color

80.0324, 6.0180, -9.9345

## Protanomaly

80.2209, 2.1089, -10.3150

## Deuteranomaly

80.0324, 6.0180, -9.9345

## Tritanomaly

79.9143, 3.4466, -5.1528

# Monochromacy



## Original Color

80.0324, 6.0180, -9.9345

## Achromatopsia

81.1403, -4.3294, 4.4085

## Achromatomaly

80.6954, -0.5697, -0.5468

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.0324, 6.0180, -9.9345 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(217, 204, 237)` looks like.

```
.text, #text, p{  
    color:rgb(217, 204, 237)  
}
```

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(217, 204, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 204, 237) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.0324, 6.0180, -9.9345 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(217, 204, 237) }
```



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

```
.border{ border-color:rgb(217, 204, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 204, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 204, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 204, 237);  
box-shadow:4px 4px 4px 4px rgb(217, 204,  
237) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.0324, 6.0180, -9.9345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 204, 237) }
```

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

```
.background{ background-color: rgb(217,  
204, 237) }
```

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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