

# Converting Colors

HunterLab(78.0173, -2.9204,  
-8.0370)

Have a look what the booklet for  
HunterLab(78.0173, -2.9204,  
-8.0370) contains.

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# Color

**HunterLab(78.0525, -2.8529,  
-8.2638)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3CDE5
RGB	195, 205, 229
RGB Percent	76%, 80%, 90%
CMY	0.2353, 0.1961, 0.1020
CMYK	0.15, 0.10, 0.00, 0.10
HSL	222°, 40%, 83%
HSV	222°, 15%, 90%
XYZ	58.4799, 60.9219, 82.8056
YIQ	204.7460, -13.6640, 5.3440

# Conversions

## Conversions Part 2

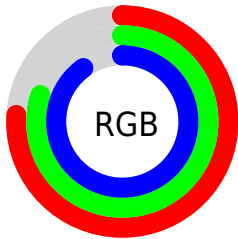
Format	Color
R <sub>Y</sub> B	195, 203, 229
Decimal	12832229
CIE Lab	82.34, 1.40, -13.01
CIE LCh	82, 13.084, 276.134
Yxy	60.9245, 0.2892, 0.3013
Android (android.graphics.Color)	4291022309 (0xFFC3CDE5)
YUV	204.7460, 11.9572, -8.5472
Hunter-Lab	78.0525, -2.8529, -8.2638

# Details

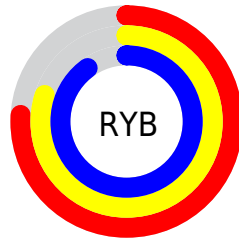
The HunterLab color  $78.0525, -2.8529, -8.2638$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $84.4162, -5.0079, 15.6659$ , and the grayscale version is  $77.9816, -4.1609, 4.2369$ .

A 20% lighter version of the original color is  $99.7173, -6.3204, 5.0828$ , and  $55.5445, -1.7864, -8.5497$  is the 20% darker color. If you saturate the color by 10%, you get  $71.2506, -1.0743, -17.8003$ , and if you desaturate by 10%, it is  $85.0583, -4.2022, 0.6667$ .

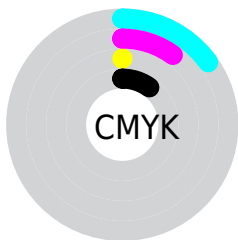
# Distribution



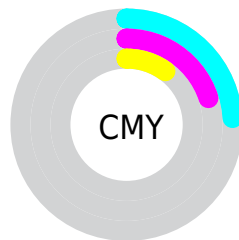
- Red (76%)
- Green (80%)
- Blue (90%)



- Red (76%)
- Yellow (80%)
- Blue (90%)



- Cyan (15%)
- Magenta (10%)
- Yellow (0%)
- Black (10%)



- Cyan (24%)
- Magenta (20%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.0525, -2.8529, -8.2638 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 78.0525, -2.8529, -8.2638 by changing the saturation by 10% instead.



■ 78.0525, -2.8529,  
-8.2638

■ 78.0525, -2.8529,  
-8.2638

206.8809, -9.2333,  
-5.4417

■ 66.4562, -2.3030,  
-8.3412

103.0386, -4.0621,  
-7.9431

■ 55.4974, -1.7898,  
-8.3602

116.3715, -4.7148,  
-7.7098

■ 45.2176, -1.3176,  
-8.3142

130.2344, -5.3982,  
-7.4315

■ 35.6649, -0.8901,  
-8.1972

144.6079, -6.1108,  
-7.1105

■ 26.8997, -0.5119,  
-8.0028

159.4745, -6.8516,  
-6.7492

■ 19.0002, -0.1897,  
-7.7264

174.8182, -7.6196,

■ 12.0745, 0.0666,

-6.3495

-7.3738

190.6247, -8.4137,  
-5.9132

■ 5.0877, 0.9256,  
-10.5348

0.0000, NaN, NaN

■ 78.0525, -2.8529,  
-8.2638

■ 78.0525, -2.8529,  
-8.2638

■ 71.2506, -1.0743,  
-17.8003

■ 85.0583, -4.2022,  
0.6667

■ 64.6759, 1.2331,  
-28.0819

■ 92.2406, -5.1934,  
9.0986

■ 58.3662, 4.1862,  
-39.2648

■ 98.7319, -8.8664,  
16.1669

■ 52.3678, 7.9292,  
-51.5208

■ 99.2155, -9.6505,  
16.6682

■ 46.7412, 12.6261,  
-65.0089

■ 41.5638, 18.4386,  
-79.8104

■ 36.9323, 25.4655,  
-95.8024

■ 32.9569, 33.6186,  
-112.4639

■ 31.1701, 38.0654,  
-121.1322

# Harmonies

## Analogous

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



78.0541, -9.0688, -7.1896



78.0525, -2.8529, -8.2638



78.0541, 3.1945, -5.7720

# Triad

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



78.0541, -2.8543, -8.2624



78.0541, 5.9839, 10.8191



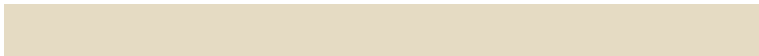
78.0541, -15.0696, 8.8226

# Complementary

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



78.0525, -2.8529, -8.2638



84.4162, -5.0079, 15.6659

# 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.



78.0541, -11.2692, 13.0950



78.0525, -2.8529, -8.2638



78.0541, 0.8548, 14.1814

# Square

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



78.0541, -2.8543, -8.2624



78.0541, 8.4016, 5.4849



78.0541, -5.4749, 14.9800



78.0541, -15.9911, 2.9919



# Rectangle

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



78.0525, -2.8529, -8.2638



78.0541, 6.2765, -2.5353



78.0541, -5.4749, 14.9800



78.0541, -14.0925, 10.4737

# Sweetspot

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



78.0541, -2.8543, -8.2624



96.7517, -4.8536, 1.5568



85.2911, -16.8125, 5.7695



44.4808, -2.2003, 0.3785

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



78.0541, -2.8543, -8.2624



85.6467, -2.6274, -12.7643



75.6422, 4.4051, -11.4170



38.1768, -1.6937, -1.5781



23.9511, 27.6730, -89.6749



7.6208, 4.6619, -19.5891



# Inverse Universe

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



77.5226, 9.0492, 3.7517



84.9802, 13.7173, 4.0926



86.9143, -12.3299, 18.1194



37.9966, 1.8614, 1.8908



31.2679, 54.3550, 13.9427

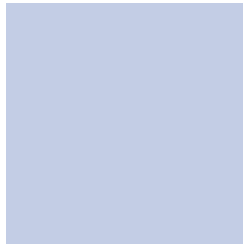


8.5925, 15.1164, 2.4398



# Previews

## White Background



This preview shows how the HunterLab color 78.0525, -2.8529, -8.2638 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

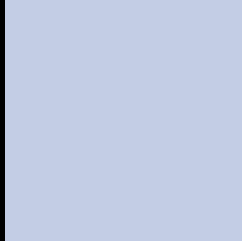
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 78.0525, -2.8529, -8.2638 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

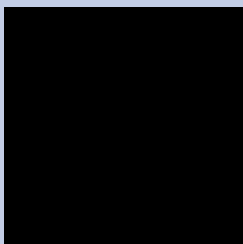
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

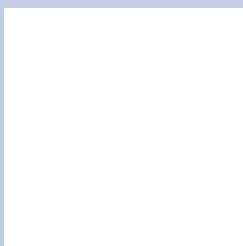
Any Text WCAG AAA ✓ Pass

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

## HunterLab 78.0525, -2.8529, -8.2638 Background



This preview shows how black text looks on a background with the HunterLab color 78.0525, -2.8529, -8.2638.



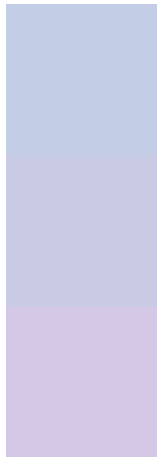
This preview shows how white text looks on a background with the HunterLab color 78.0525, -2.8529, -8.2638.

-8.2638.

# 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

78.0525, -2.8529, -8.2638

### Protanopia

77.9300, -0.2132, -7.8263

### Deuteranopia

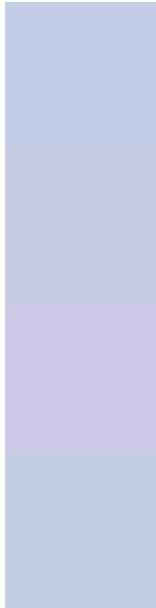
77.9142, 6.0278, -8.8522



## **Tritanopia**

78.0294, -5.0048, -4.5168

# Trichromacy



## Original Color

78.0525, -2.8529, -8.2638

## Protanomaly

78.0572, -1.3376, -7.6765

## Deuteranomaly

77.8513, 2.7590, -8.9942

## Tritanomaly

78.1333, -4.4346, -5.9869

# Monochromacy



## Original Color

78.0525, -2.8529, -8.2638

## Achromatopsia

78.1342, -4.1690, 4.2452

## Achromatomaly

78.0610, -3.8509, -0.2869

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 78.0525, -2.8529, -8.2638 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(195, 205, 229)` looks like.

```
.text, #text, p{  
    color:rgb(195, 205, 229)  
}
```

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(195, 205, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 205, 229) }
```

## Border

The CSS property to change the border of an element to HunterLab 78.0525, -2.8529, -8.2638 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(195, 205, 229) }
```



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

```
.border{ border-color:rgb(195, 205, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 205, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 205, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 205, 229);  
box-shadow:4px 4px 4px 4px rgb(195, 205,  
229) }
```

# Background

The CSS property to change the background color of an element to HunterLab 78.0525, -2.8529, -8.2638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 205, 229) }
```

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

```
.background{ background-color: rgb(195,  
205, 229) }
```

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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