

# Converting Colors

HunterLab(64.5728, 21.7372,  
-15.2165)

Have a look what the booklet for  
HunterLab(64.5728, 21.7372,  
-15.2165) contains.

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# Color

**HunterLab(64.5728, 21.7372,  
-15.2165)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD9DD1
RGB	205, 157, 209
RGB Percent	80%, 62%, 82%
CMY	0.1961, 0.3843, 0.1804
CMYK	0.02, 0.25, 0.00, 0.18
HSL	295°, 36%, 72%
HSV	295°, 25%, 82%
XYZ	48.7424, 41.6965, 65.8007
YIQ	177.2800, 11.9160, 26.3480

# Conversions

## Conversions Part 2

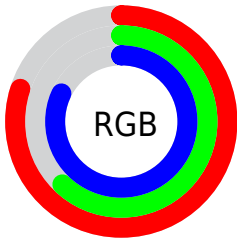
Format	Color
R <sub>Y</sub> B	205, 157, 209
Decimal	13475281
CIE Lab	70.66, 26.67, -19.67
CIE LCh	71, 33.144, 323.588
Yxy	41.6983, 0.3120, 0.2669
Android (android.graphics.Color)	4291665361 (0xFFCD9DD1)
YUV	177.2800, 15.6380, 24.3104
Hunter-Lab	64.5728, 21.7372, -15.2165

# Details

The HunterLab color  $64.5728, 21.7372, -15.2165$  is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be  $74.5743, -26.1792, 20.1318$ , and the grayscale version is  $66.3579, -3.5407, 3.6054$ .

A 20% lighter version of the original color is  $86.9293, 17.9635, -10.6472$ , and  $43.4974, 20.1602, -14.5157$  is the 20% darker color. If you saturate the color by 10%, you get  $59.1550, 32.4581, -23.4406$ , and if you desaturate by 10%, it is  $70.4382, 11.1262, -7.1765$ .

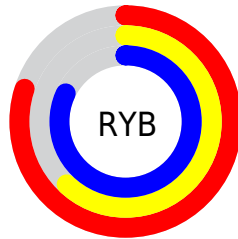
# Distribution



Red (80%)

Green (62%)

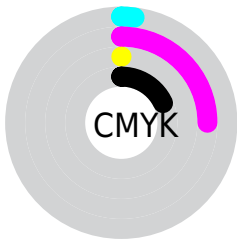
Blue (82%)



Red (80%)

Yellow (62%)

Blue (82%)

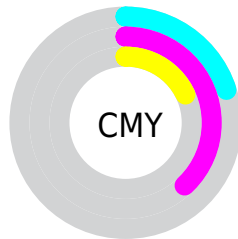


Cyan (2%)

Magenta (25%)

Yellow (0%)

Black (18%)



Cyan (20%)

Magenta (38%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.5728, 21.7372, -15.2165 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 64.5728, 21.7372, -15.2165 by changing the saturation by 10% instead.



64.5728, 21.7372,  
-15.2165

64.5728, 21.7372,  
-15.2165

187.9443, 24.6569,  
-14.8315

53.7263, 21.0333,  
-14.9826

88.1719, 22.8667,  
-15.4928

43.5647, 20.2263,  
-14.6839

100.8578, 23.3124,  
-15.5451

34.1394, 19.3012,  
-14.3180

114.0997, 23.6870,  
-15.5439

25.5131, 18.2430,  
-13.8898

127.8753, 23.9959,  
-15.4923

17.7682, 17.0370,  
-13.4224

142.1645, 24.2436,  
-15.3930

11.0195, 15.6838,  
-13.0003

156.9496, 24.4341,

2.7080, 42.7761,

-15.2483

-31.8951

172.2144, 24.5708,  
-15.0605

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.5728, 21.7372,  
-15.2165

■ 64.5728, 21.7372,  
-15.2165

■ 59.1550, 32.4581,  
-23.4406

■ 70.4382, 11.1262,  
-7.1765

■ 54.2571, 43.1007,  
-31.7300

■ 76.6823, 0.7257,  
0.6235

■ 49.9671, 53.3287,  
-39.8540

■ 83.2531, -9.4318,  
8.1758

■ 46.3739, 62.6400,  
-47.4511

■ 90.1072, -19.3464,  
15.4934

■ 43.5547, 70.3989,

■ 95.0134, -25.8971,

-54.0445

20.4514

■ 41.5510, 75.9778,  
-59.1412

■ 95.1405, -25.4275,  
20.5882

■ 40.3388, 79.0111,  
-62.4218

■ 95.2687, -24.9546,  
20.7261

■ 39.9138, 79.8868,  
-63.6124

■ 95.3979, -24.4784,  
20.8649

■ 95.5283, -23.9989,  
21.0048

# Harmonies

## Analogous

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



64.5742, 8.6397, -27.4265



64.5728, 21.7372, -15.2165



64.5742, 28.1609, 0.3396

# Triad

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



64.5742, 21.7354, -15.2150



64.5742, -0.1599, 25.4522



64.5742, -28.0601, -8.6003

# Complementary

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



64.5728, 21.7372, -15.2165



74.5743, -26.1792, 20.1318

# 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.



64.5742, -29.9484, 6.5368



64.5728, 21.7372, -15.2165



64.5742, -14.7090, 24.1201

# Square

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



64.5742, 21.7354, -15.2150



64.5742, 14.7889, 22.0919



64.5742, -25.2818, 17.9086



64.5742, -19.8634, -23.0327



# Rectangle

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



64.5728, 21.7372, -15.2165



64.5742, 27.4117, 9.6987



64.5742, -25.2818, 17.9086



64.5742, -29.4203, -3.3481

# Sweetspot

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



64.5742, 21.7354, -15.2150



94.2740, 3.7512, -1.3431



61.1391, 4.5872, -20.7438



43.3915, 2.1013, -0.8951

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



64.5742, 21.7354, -15.2150



77.0851, 34.5543, -24.6631



64.2442, 19.1553, -3.6400



34.5845, 2.5342, -1.3491



31.3721, 62.7727, -49.8597



7.5125, 14.9778, -11.5210



# Inverse Universe

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



63.4383, 14.9993, 7.8380



75.3505, 24.3726, 11.0091



74.8406, -24.0975, 12.0469



34.3843, 1.3194, 2.5835



28.9598, 49.6944, 17.9391

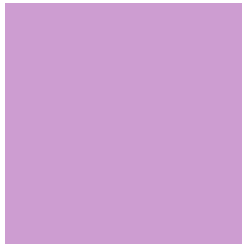


6.8862, 11.8926, 3.6755



# Previews

## White Background



This preview shows how the HunterLab color 64.5728, 21.7372, -15.2165 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

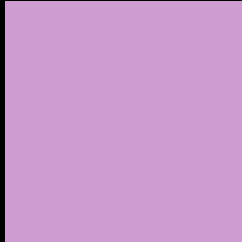
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 64.5728, 21.7372, -15.2165 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 64.5728, 21.7372, -15.2165 Background



This preview shows how black text looks on a background with the HunterLab color 64.5728, 21.7372, -15.2165.



This preview shows how white text looks on a background with the HunterLab color 64.5728, 21.7372, -15.2165.

-15.2165.

# 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

64.5728, 21.7372, -15.2165

### Protanopia

64.6663, 2.8973, -21.5482

### Deuteranopia

64.6260, 4.7999, -14.2512



## Tritanopia

64.5045, 10.9600, 2.1854

# Trichromacy



## Original Color

64.5728, 21.7372, -15.2165

## Protanomaly

64.4405, 9.2014, -19.2824

## Deuteranomaly

64.6364, 10.7384, -14.7219

## Tritanomaly

64.5578, 14.7073, -3.6570

# Monochromacy



## Original Color

64.5728, 21.7372, -15.2165

## Achromatopsia

66.3066, -3.5380, 3.6026

## Achromatomaly

65.5655, 5.1947, -3.0440

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 64.5728, 21.7372, -15.2165 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(205, 157, 209)` looks like.

```
.text, #text, p{  
    color:rgb(205, 157, 209)  
}
```

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(205, 157, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 157, 209) }
```

## Border

The CSS property to change the border of an element to HunterLab 64.5728, 21.7372, -15.2165 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(205, 157, 209) }
```



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

```
.border{ border-color:rgb(205, 157, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 157, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 157, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 157, 209);  
box-shadow:4px 4px 4px 4px rgb(205, 157,  
209) }
```

# Background

The CSS property to change the background color of an element to HunterLab 64.5728, 21.7372, -15.2165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 157, 209) }
```

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

```
.background{ background-color: rgb(205,  
157, 209) }
```

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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