

# Converting Colors

HunterLab(67.5064, 33.6998,  
-20.1315)

Have a look what the booklet for  
HunterLab(67.5064, 33.6998,  
-20.1315) contains.

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# Color

**HunterLab(67.6071, 33.4337,  
-20.2264)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E49CE1
RGB	228, 156, 225
RGB Percent	89%, 61%, 88%
CMY	0.1059, 0.3882, 0.1176
CMYK	0.00, 0.32, 0.01, 0.11
HSL	303°, 57%, 75%
HSV	303°, 32%, 89%
XYZ	57.4740, 45.7072, 77.0274
YIQ	185.3940, 20.7630, 36.7230

# Conversions

## Conversions Part 2

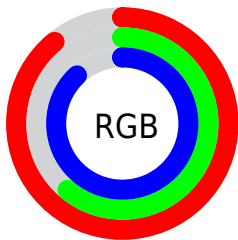
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	228, 156, 225
Decimal	14982369
CIE Lab	73.36, 37.66, -24.14
CIE LCh	73, 44.734, 327.334
Yxy	45.7092, 0.3189, 0.2536
Android (android.graphics.Color)	4293172449 (0xFFE49CE1)
YUV	185.3940, 19.5258, 37.3655
Hunter-Lab	67.6071, 33.4337, -20.2264

# Details

The HunterLab color  $67.6071, 33.4337, -20.2264$  is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be  $80.6595, -35.5634, 24.9666$ , and the grayscale version is  $69.7340, -3.7208, 3.7888$ .

A 20% lighter version of the original color is  $86.6421, 18.5164, -11.0283$ , and  $46.1093, 31.1894, -19.9430$  is the 20% darker color. If you saturate the color by 10%, you get  $62.2174, 45.6781, -28.0995$ , and if you desaturate by 10%, it is  $73.5831, 21.1391, -12.2354$ .

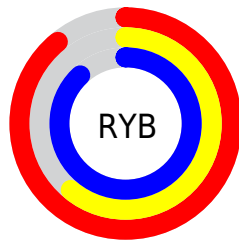
# Distribution



Red (89%)

Green (61%)

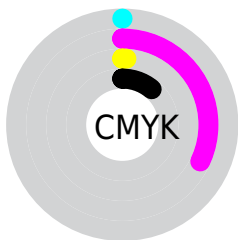
Blue (88%)



Red (89%)

Yellow (61%)

Blue (88%)

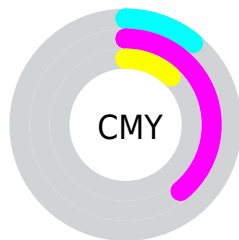


Cyan (0%)

Magenta (32%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (39%)


Yellow (12%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.6071, 33.4337, -20.2264 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 67.6071, 33.4337, -20.2264 by changing the saturation by 10% instead.





 67.6071, 33.4337,  
-20.2264


 67.6071, 33.4337,  
-20.2264

192.2598, 39.7587,  
-20.9368

 56.5831, 32.3040,  
-19.8719


 91.5334, 35.3850,  
-20.7502

 46.2321, 31.0637,  
-19.4586

 104.3715, 36.2269,  
-20.9270

 36.6029, 29.7014,  
-18.9888


117.7593, 36.9879,  
-21.0497

 27.7542, 28.2108,  
-18.4770

131.6751, 37.6739,  
-21.1209

 19.7623, 26.5975,  
-17.9638

146.0996, 38.2897,  
-21.1431

 12.7312, 24.9138,  
-17.5722

161.0154, 38.8399,

 6.0957, 28.8678,

-21.1184

-20.9237

176.4069, 39.3284,  
-21.0490

0.0000, INF, -NF

0.0000, NaN, NaN

■ 67.6071, 33.4337,  
-20.2264

■ 67.6071, 33.4337,  
-20.2264

■ 62.2174, 45.6781,  
-28.0995

■ 73.5831, 21.1391,  
-12.2354

■ 57.5037, 57.5183,  
-35.6134

■ 80.0569, 9.0094,  
-4.2804

■ 53.5639, 68.4134,  
-42.4083

■ 86.9581, -2.8557,  
3.5618

■ 50.4812, 77.6797,  
-48.0413

■ 94.2273, -14.4208,  
11.2576

■ 48.3022, 84.6315,

■ 96.8057, -18.2038,

-52.0807

13.5934

■ 47.0076, 88.8311,  
-54.2685

■ 96.8333, -18.0488,  
13.1972

■ 46.4568, 90.5108,  
-54.8792

■ 96.8611, -17.8931,  
12.7991

■ 96.8890, -17.7367,  
12.3991

■ 96.9170, -17.5794,  
11.9971

# Harmonies

## Analogous

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



67.6086, 15.7371, -39.5555



67.6071, 33.4337, -20.2264



67.6086, 41.1240, 1.8877

# Triad

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



67.6086, 33.4316, -20.2247



67.6086, -1.7420, 31.7080



67.6086, -35.5784, -16.2088

# Complementary

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



67.6071, 33.4337, -20.2264



80.6595, -35.5634, 24.9666

# 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.



67.6086, -39.0822, 5.4248



67.6071, 33.4337, -20.2264



67.6086, -21.0017, 29.4918

# Square

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



67.6086, 33.4316, -20.2247



67.6086, 19.3414, 28.5002



67.6086, -34.0742, 21.1528



67.6086, -23.8589, -36.7871



# Rectangle

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



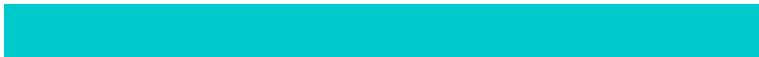
67.6071, 33.4337, -20.2264



67.6086, 38.9273, 14.0561



67.6086, -34.0742, 21.1528



67.6086, -37.6895, -8.6558

# Sweetspot

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



67.6086, 33.4316, -20.2247



92.8224, 6.8009, -2.6003



60.5727, 12.0895, -34.3094



42.4230, 4.0659, -1.8093

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



67.6086, 33.4316, -20.2247



72.6020, 47.2386, -28.9426



66.3124, 26.9843, -2.0197



38.2156, 3.0354, -1.2232



35.3084, 68.8004, -41.7861



9.6151, 18.7613, -11.5790



# Inverse Universe

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



67.6086, 33.4316, -20.2247



72.6020, 47.2386, -28.9426



81.5287, -30.4938, 12.4139



38.2156, 3.0354, -1.2232



35.3084, 68.8004, -41.7861

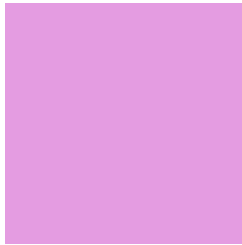


9.6151, 18.7613, -11.5790



# Previews

## White Background



This preview shows how the HunterLab color 67.6071, 33.4337, -20.2264 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

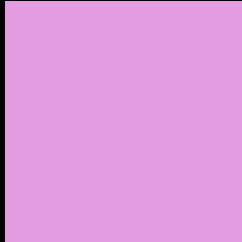
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 67.6071, 33.4337, -20.2264 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

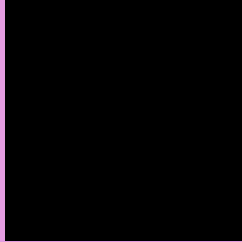
Any Text WCAG AA ✓ Pass

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 67.6071, 33.4337, -20.2264 Background



This preview shows how black text looks on a background with the HunterLab color 67.6071, 33.4337, -20.2264.



This preview shows how white text looks on a background with the HunterLab color 67.6071, 33.4337, -20.2264.

-20.2264.

# 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

67.6071, 33.4337, -20.2264

### Protanopia

67.8072, 4.8047, -30.8994

### Deuteranopia

67.9189, 5.0149, -17.7767



## Tritanopia

67.5679, 18.1126, 4.9928

# Trichromacy



## Original Color

67.6071, 33.4337, -20.2264



## Protanomaly

67.3145, 14.4247, -27.4964



## Deuteranomaly

67.3689, 14.9491, -19.0458



## Tritanomaly

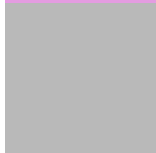
67.5486, 23.1955, -3.2883

# Monochromacy



## Original Color

67.6071, 33.4337, -20.2264



## Achromatopsia

69.6527, -3.7165, 3.7844



## Achromatomaly

68.4542, 9.6685, -4.9779

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 67.6071, 33.4337, -20.2264 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(228, 156, 225)` looks like.

```
.text, #text, p{  
    color:rgb(228, 156, 225)  
}
```

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(228, 156, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 156, 225) }
```

## Border

The CSS property to change the border of an element to HunterLab 67.6071, 33.4337, -20.2264 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(228, 156, 225) }
```



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

```
.border{ border-color:rgb(228, 156, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 156, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 156, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 156, 225); box-shadow:4px 4px 4px 4px rgb(228, 156, 225) }
```

# Background

The CSS property to change the background color of an element to HunterLab 67.6071, 33.4337, -20.2264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 156, 225) }
```

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

```
.background{ background-color: rgb(228,  
156, 225) }
```

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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