

# Converting Colors

HunterLab(62.8427, 26.0329,  
-19.9865)

Have a look what the booklet for  
HunterLab(62.8427, 26.0329,  
-19.9865) contains.

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# Color

**HunterLab(62.8125, 25.9679,  
-20.2611)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC96D5
RGB	204, 150, 213
RGB Percent	80%, 59%, 84%
CMY	0.2000, 0.4117, 0.1647
CMYK	0.04, 0.30, 0.00, 0.16
HSL	291°, 43%, 71%
HSV	291°, 30%, 84%
XYZ	47.8184, 39.4541, 68.0458
YIQ	173.3280, 11.9610, 31.0410

# Conversions

## Conversions Part 2

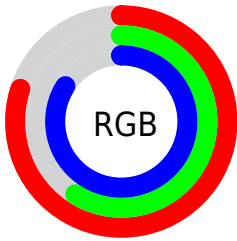
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 150, 213
Decimal	13407957
CIE <sub>Lab</sub>	69.08, 30.95, -24.30
CIE <sub>LCh</sub>	69, 39.350, 321.858
Yxy	39.4558, 0.3079, 0.2540
Android (android.graphics.Color)	4291598037 (0xFFCC96D5)
YUV	173.3280, 19.5583, 26.8993
Hunter-Lab	62.8125, 25.9679, -20.2611

# Details

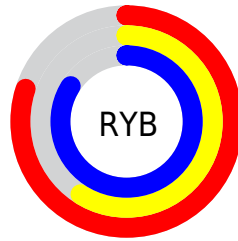
The HunterLab color  $62.8125, 25.9679, -20.2611$  is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be  $75.6058, -29.3768, 23.4448$ , and the grayscale version is  $64.6992, -3.4522, 3.5152$ .

A 20% lighter version of the original color is  $84.9368, 21.8420, -13.3207$ , and  $41.9447, 24.1935, -19.4548$  is the 20% darker color. If you saturate the color by 10%, you get  $57.3050, 36.4545, -29.1826$ , and if you desaturate by 10%, it is  $68.7873, 15.5340, -11.6015$ .

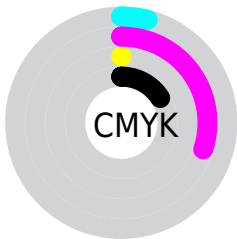
# Distribution



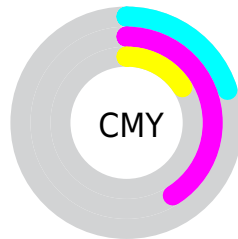
- Red (80%)
- Green (59%)
- Blue (84%)



- Red (80%)
- Yellow (59%)
- Blue (84%)



- Cyan (4%)
- Magenta (30%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (41%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.8125, 25.9679, -20.2611 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 62.8125, 25.9679, -20.2611 by changing the saturation by 10% instead.



62.8125, 25.9679,  
-20.2611

62.8125, 25.9679,  
-20.2611

185.4251, 30.4086,  
-21.2097

52.0716, 25.0649,  
-19.8763

86.2172, 27.4746,  
-20.8451

42.0229, 24.0515,  
-19.4339

98.8129, 28.0992,  
-21.0504

32.7194, 22.9136,  
-18.9401

111.9684, 28.6468,  
-21.2006

24.2265, 21.6393,  
-18.4179

125.6610, 29.1233,  
-21.2982

16.6305, 20.2241,  
-17.9336

139.8702, 29.5336,  
-21.3457

10.0533, 18.7054,  
-17.6983

154.5779, 29.8821,

0.0000, INF, -NF

-21.3454

0.0000, NaN, -NF

169.7678, 30.1727,  
-21.2994

0.0000, NaN, NaN

■ 62.8125, 25.9679,  
-20.2611

■ 62.8125, 25.9679,  
-20.2611

■ 57.3050, 36.4545,  
-29.1826

■ 68.7873, 15.5340,  
-11.6015

■ 52.3434, 46.7727,  
-38.2331

■ 75.1558, 5.2722,  
-3.2591

■ 48.0224, 56.5356,  
-47.1407

■ 81.8624, -4.7742,  
4.7663

■ 44.4371, 65.1754,  
-55.4695

■ 88.8613, -14.5991,  
12.4980

■ 41.6658, 71.9992,  
-62.6443

■ 95.6126, -23.4792,  
19.4685

■ 39.7403, 76.3834,  
-68.0944

■ 95.8617, -22.5662,  
19.7393

■ 38.5415, 78.3371,  
-71.7201

■ 96.1146, -21.6416,  
20.0138

■ 38.4955, 78.4041,  
-71.8629

■ 96.3714, -20.7056,  
20.2919

■ 96.6320, -19.7582,  
20.5736

# Harmonies

## Analogous

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



62.8139, 9.9339, -35.0349



62.8125, 25.9679, -20.2611



62.8139, 34.3392, -1.3807

# Triad

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



62.8139, 25.9662, -20.2596



62.8139, 1.5780, 27.9045



62.8139, -32.1284, -9.9841

# Complementary

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



62.8125, 25.9679, -20.2611



75.6058, -29.3768, 23.4448

# 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.



62.8139, -33.8348, 7.8677



62.8125, 25.9679, -20.2611



62.8139, -15.6234, 26.7918

# Square

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



62.8139, 25.9662, -20.2596



62.8139, 19.2676, 24.0507



62.8139, -28.1224, 20.4193



62.8139, -23.1693, -28.0420



# Rectangle

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



62.8125, 25.9679, -20.2611



62.8139, 33.8671, 9.7618



62.8139, -28.1224, 20.4193



62.8139, -33.5259, -3.6628

# Sweetspot

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



62.8139, 25.9662, -20.2596



92.5229, 5.8619, -3.5112



60.2007, 4.5500, -24.8240



42.2603, 3.5593, -2.3072

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



62.8139, 25.9662, -20.2596



73.0227, 39.2751, -31.1319



63.0237, 24.9396, -7.0726



35.4099, 2.4084, -1.4752



30.1434, 61.3565, -55.9864



7.5712, 15.3036, -13.2293



# Inverse Universe

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



62.0191, 19.8497, 7.2042



71.8861, 30.4282, 9.8720



75.5341, -28.6199, 15.3855



35.2837, 1.4645, 2.3834



29.5106, 50.7670, 17.2919

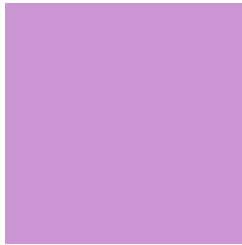


7.3127, 12.7089, 3.2867



# Previews

## White Background



This preview shows how the HunterLab color 62.8125, 25.9679, -20.2611 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

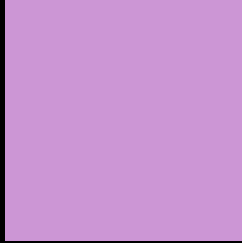
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 62.8125, 25.9679, -20.2611 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

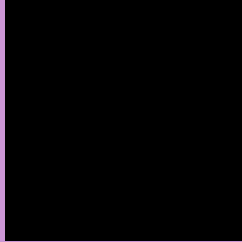
Any Text WCAG AA ✓ Pass

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 62.8125, 25.9679, -20.2611 Background



This preview shows how black text looks on a background with the HunterLab color 62.8125, 25.9679, -20.2611.



This preview shows how white text looks on a background with the HunterLab color 62.8125, 25.9679, -20.2611.

-20.2611.

# 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

62.8125, 25.9679, -20.2611

### Protanopia

63.1237, 4.1894, -27.9381

### Deuteranopia

62.8140, 4.8751, -18.7611



## Tritanopia

62.7390, 11.8963, 2.9281

# Trichromacy



## Original Color

62.8125, 25.9679, -20.2611

## Protanomaly

62.8338, 11.6546, -25.6266

## Deuteranomaly

62.7921, 12.1206, -19.2865

## Tritanomaly

62.6636, 16.8247, -5.0459

# Monochromacy



## Original Color

62.8125, 25.9679, -20.2611

## Achromatopsia

64.6440, -3.4492, 3.5122

## Achromatomaly

63.8212, 6.6191, -4.7569

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 62.8125, 25.9679, -20.2611 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(204, 150, 213)` looks like.

```
.text, #text, p{  
    color:rgb(204, 150, 213)  
}
```

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(204, 150, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 150, 213) }
```

## Border

The CSS property to change the border of an element to HunterLab 62.8125, 25.9679, -20.2611 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(204, 150, 213) }
```



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

```
.border{ border-color:rgb(204, 150, 213) }
```

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

Here you see how a box with a 4 pixel rgb(204, 150, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 150, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 150, 213);  
box-shadow:4px 4px 4px 4px rgb(204, 150,  
213) }
```

# Background

The CSS property to change the background color of an element to HunterLab 62.8125, 25.9679, -20.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 150, 213) }
```

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

```
.background{ background-color: rgb(204,  
150, 213) }
```

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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