

# Converting Colors

HunterLab(66.5015, 20.2396,  
-27.6961)

Have a look what the booklet for  
HunterLab(66.5015, 20.2396,  
-27.6961) contains.

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# Color

**HunterLab(66.4604, 19.9948,  
-27.4708)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4A4E9
RGB	196, 164, 233
RGB Percent	77%, 64%, 91%
CMY	0.2314, 0.3568, 0.0863
CMYK	0.16, 0.30, 0.00, 0.09
HSL	268°, 61%, 78%
HSV	268°, 30%, 91%
XYZ	50.7484, 44.1698, 82.9416
YIQ	181.4340, -3.0770, 28.2430

# Conversions

## Conversions Part 2

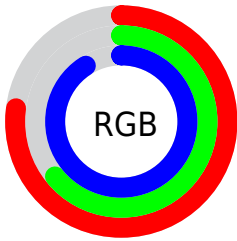
Format	Color
R <sub>Y</sub> B	196, 164, 233
Decimal	12887273
CIE Lab	72.34, 24.85, -30.34
CIE LCh	72, 39.216, 309.313
Yxy	44.1717, 0.2853, 0.2483
Android (android.graphics.Color)	4291077353 (0xFFC4A4E9)
YUV	181.4340, 25.4220, 12.7744
Hunter-Lab	66.4604, 19.9948, -27.4708

# Details

The HunterLab color  $66.4604, 19.9948, -27.4708$  is a light color, and the websafe version is hex  $CC99CC$ . A complement of this color would be  $85.6602, -25.0255, 28.0342$ , and the grayscale version is  $68.0570, -3.6314, 3.6977$ .

A 20% lighter version of the original color is  $88.7500, 13.4117, -8.2811$ , and  $45.1945, 18.5220, -26.3950$  is the 20% darker color. If you saturate the color by 10%, you get  $59.1401, 28.8219, -40.3405$ , and if you desaturate by 10%, it is  $74.1856, 11.4035, -15.6999$ .

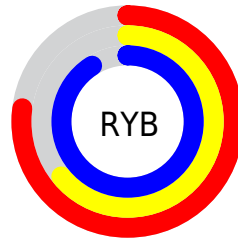
# Distribution



Red (77%)

Green (64%)

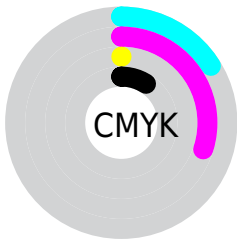
Blue (91%)



Red (77%)

Yellow (64%)

Blue (91%)

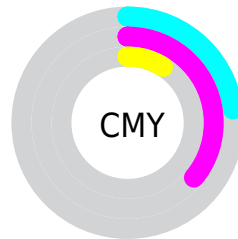


Cyan (16%)

Magenta (30%)

Yellow (0%)

Black (9%)



Cyan (23%)

Magenta (36%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.4604, 19.9948, -27.4708 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 66.4604, 19.9948, -27.4708 by changing the saturation by 10% instead.



66.4604, 19.9948,  
-27.4708

66.4604, 19.9948,  
-27.4708

190.6327, 22.2029,  
-29.7667

55.5027, 19.3875,  
-26.9541

90.2641, 20.9453,  
-28.3431

45.2225, 18.6813,  
-26.3957

103.0451, 21.3068,  
-28.6987

35.6695, 17.8622,  
-25.8120

116.3782, 21.6003,  
-29.0009

26.9039, 16.9147,  
-25.2450

130.2415, 21.8309,  
-29.2511

19.0039, 15.8216,  
-24.7962

144.6152, 22.0030,  
-29.4509

12.0777, 14.5717,  
-24.7491

159.4820, 22.1203,

5.0931, 20.9869,

-29.6023

-34.1361

174.8260, 22.1859,  
-29.7070

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 66.4604, 19.9948,  
-27.4708

■ 66.4604, 19.9948,  
-27.4708

■ 59.1401, 28.8219,  
-40.3405

■ 74.1856, 11.4035,  
-15.6999

■ 52.3064, 37.8489,  
-54.4906

■ 82.2472, 3.0395,  
-4.8397

■ 46.0749, 46.9166,  
-69.9901

■ 90.5979, -5.1301,  
5.2852

■ 40.5932, 55.6363,  
-86.6116

■ 98.4847, -12.0050,  
14.0649

■ 36.0370, 63.2518,

■ 99.3294, -9.0222,

-103.5220

15.0322

■ 32.5768, 68.6277,  
-119.0316

■ 30.2078, 71.0402,  
-131.4529

■ 30.1247, 71.1185,  
-131.9197

# Harmonies

## Analogous

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



66.4618, 2.1826, -38.0982



66.4604, 19.9948, -27.4708



66.4618, 32.2827, -9.1863

# Triad

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



66.4618, 19.9935, -27.4692



66.4618, 9.2100, 27.7530



66.4618, -34.5528, -1.9721

# Complementary

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



66.4604, 19.9948, -27.4708



85.6602, -25.0255, 28.0342

# 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.



66.4618, -33.1021, 14.2922



66.4604, 19.9948, -27.4708



66.4618, -9.0943, 28.7157

# Square

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



66.4618, 19.9935, -27.4692



66.4618, 25.6085, 21.3753



66.4618, -24.2128, 24.4896



66.4618, -28.4128, -20.9898



# Rectangle

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



66.4604, 19.9948, -27.4708



66.4618, 34.9958, 3.2194



66.4618, -24.2128, 24.4896



66.4618, -34.9208, 4.0136

# Sweetspot

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



66.4618, 19.9935, -27.4692



91.6305, 2.8477, -4.7042



74.8297, -8.9902, -15.1297



41.7774, 1.9368, -2.9616

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



66.4618, 19.9935, -27.4692



68.2458, 28.5405, -39.6401



70.1316, 31.1878, -21.4132



38.5892, 1.3689, -2.1976



22.8505, 53.7408, -98.4785



6.8316, 15.5363, -25.3289



# Inverse Universe

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



69.3493, 26.4428, -4.0486



72.3191, 37.1105, -6.0848



83.2008, -34.3131, 25.6376



38.9732, 2.3444, 0.7979



32.7024, 58.6478, 0.6360



9.2692, 16.8157, -1.3117



# Previews

## White Background



This preview shows how the HunterLab color 66.4604, 19.9948, -27.4708 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

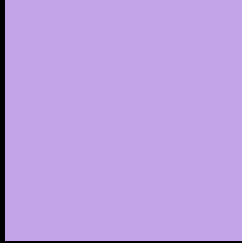
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 66.4604, 19.9948, -27.4708 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 66.4604, 19.9948, -27.4708 Background



This preview shows how black text looks on a background with the HunterLab color 66.4604, 19.9948, -27.4708.



This preview shows how white text looks on a background with the HunterLab color 66.4604, 19.9948, -27.4708.

-27.4708.

# 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

66.4604, 19.9948, -27.4708

### Protanopia

66.5432, 5.0860, -33.0556

### Deuteranopia

66.7356, 4.8586, -25.9593



## Tritanopia

66.4578, 3.6311, -0.9285

# Trichromacy



## Original Color

66.4604, 19.9948, -27.4708

## Protanomaly

66.3849, 10.2267, -31.1588

## Deuteranomaly

66.5576, 10.2699, -26.8155

## Tritanomaly

66.4721, 9.2392, -9.8328

# Monochromacy



## Original Color

66.4604, 19.9948, -27.4708

## Achromatopsia

67.9762, -3.6270, 3.6933

## Achromatomaly

67.2824, 4.3070, -6.6181

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 66.4604, 19.9948, -27.4708 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(196, 164, 233)` looks like.

```
.text, #text, p{  
    color:rgb(196, 164, 233)  
}
```

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(196, 164, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 164, 233) }
```

## Border

The CSS property to change the border of an element to HunterLab 66.4604, 19.9948, -27.4708 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(196, 164, 233) }
```



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

```
.border{ border-color:rgb(196, 164, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 164, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 164, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 164, 233);  
box-shadow:4px 4px 4px 4px rgb(196, 164,  
233) }
```

# Background

The CSS property to change the background color of an element to HunterLab 66.4604, 19.9948, -27.4708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 164, 233) }
```

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

```
.background{ background-color: rgb(196,  
164, 233) }
```

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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