

# Converting Colors

HunterLab(69.6027, 77.2058,  
-18.8594)

Have a look what the booklet for  
HunterLab(69.6027, 77.2058,  
-18.8594) contains.

<b>HunterLab(63.7118, 62.8256, -28.6253)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(63.7118, 62.8256,  
-28.6253)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF79E5
RGB	255, 121, 229
RGB Percent	100%, 47%, 90%
CMY	0.0000, 0.5255, 0.1020
CMYK	0.00, 0.53, 0.10, 0.00
HSL	312°, 100%, 74%
HSV	312°, 53%, 100%
XYZ	62.2203, 40.5919, 78.6845
YIQ	173.3780, 45.1960, 61.9960

# Conversions

## Conversions Part 2

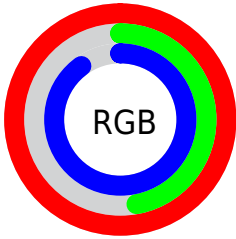
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 121, 229
Decimal	16742885
CIE <sub>Lab</sub>	69.89, 63.93, -31.39
CIE <sub>LCh</sub>	70, 71.221, 333.849
Yxy	40.5936, 0.3428, 0.2237
Android (android.graphics.Color)	4294932965 (0xFFFF79E5)
YUV	173.3780, 27.4216, 71.5825
Hunter-Lab	63.7118, 62.8256, -28.6253

# Details

The HunterLab color  $63.7118, 62.8256, -28.6253$  is a light color, and the websafe version is hex  $FF66CC$ . A complement of this color would be  $88.1432, -55.1961, 34.7776$ , and the grayscale version is  $64.6790, -3.4511, 3.5141$ .

A 20% lighter version of the original color is  $77.6665, 36.9389, -23.7185$ , and  $42.9182, 58.5709, -27.1452$  is the 20% darker color. If you saturate the color by 10%, you get  $59.0938, 74.3186, -33.0786$ , and if you desaturate by 10%, it is  $69.2185, 50.2054, -23.1124$ .

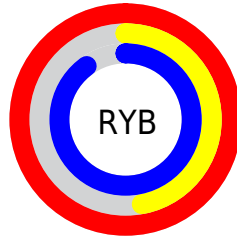
# Distribution



Red (100%)

Green (47%)

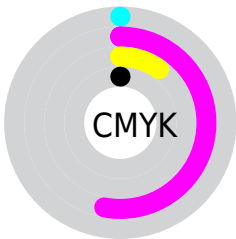
Blue (90%)



Red (100%)

Yellow (47%)

Blue (90%)

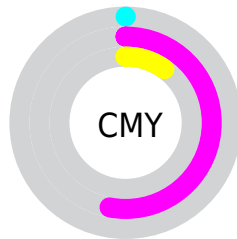


Cyan (0%)

Magenta (53%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.7118, 62.8256, -28.6253 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 63.7118, 62.8256, -28.6253 by changing the saturation by 10% instead.



63.7118, 62.8256,  
-28.6253

63.7118, 62.8256,  
-28.6253

186.7135, 77.1104,  
-31.2743

52.9166, 60.7691,  
-28.0755

87.2162, 66.6348,  
-29.5738

42.8100, 58.6297,  
-27.4917

99.8581, 68.3936,  
-29.9695

33.4439, 56.4341,  
-26.8979

113.0580, 70.0580,  
-30.3120

24.8825, 54.2578,  
-26.3521

126.7931, 71.6321,  
-30.6024

17.2099, 52.2995,  
-25.9979

141.0433, 73.1203,  
-30.8421

10.5443, 51.1579,  
-26.2516

155.7907, 74.5267,

0.0000, INF, -NF

-31.0328

0.0000, NaN, NaN

171.0190, 75.8555,  
-31.1763

■ 63.7118, 62.8256,  
-28.6253

■ 63.7118, 62.8256,  
-28.6253

■ 59.0938, 74.3186,  
-33.0786

■ 69.2185, 50.2054,  
-23.1124

■ 55.4628, 83.9114,  
-36.0751

■ 75.4941, 37.0801,  
-16.9024

■ 52.8795, 90.8144,  
-37.2748

■ 82.4290, 23.8509,  
-10.2633

■ 51.3223, 94.5472,  
-36.5638

■ 89.9253, 10.7506,  
-3.3786

■ 50.6883, 95.5506,  
-35.0390

■ 97.9010, -2.1067,  
3.6356

100.0000, -5.3358,  
5.4332

# Harmonies

## Analogous

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



63.7131, 35.2019, -68.1257



63.7118, 62.8256, -28.6253



63.7131, 71.5526, 7.3243

# Triad

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



63.7131, 62.8222, -28.6236



63.7131, -7.5366, 38.8110



63.7131, -47.3770, -39.2329

# Complementary

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



63.7118, 62.8256, -28.6253



88.1432, -55.1961, 34.7776

# 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.



63.7131, -54.4641, -0.6453



63.7118, 62.8256, -28.6253



63.7131, -34.5610, 35.6893

# Square

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



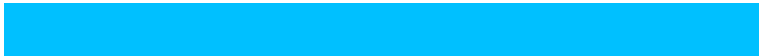
63.7131, 62.8222, -28.6236



63.7131, 26.4897, 37.0503



63.7131, -50.2882, 24.4713



63.7131, -28.6331, -76.1082



# Rectangle

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



63.7118, 62.8256, -28.6253



63.7131, 64.2831, 23.0992



63.7131, -50.2882, 24.4713



63.7131, -51.0104, -25.4948

# Sweetspot

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



63.7131, 62.8222, -28.6236



87.2783, 15.2514, -5.7757



51.9310, 35.1524, -75.3993



39.6621, 8.3030, -3.3291

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



63.7131, 62.8222, -28.6236



58.9070, 74.8014, -33.2492



61.3160, 52.0196, 4.9886



42.7041, 3.1511, -0.5806



36.6696, 69.1729, -25.7238



11.5066, 21.8118, -8.8935



# Inverse Universe

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



63.7131, 62.8222, -28.6236



58.9070, 74.8014, -33.2492



89.6480, -46.1744, 12.9884



42.7041, 3.1511, -0.5806



36.6696, 69.1729, -25.7238



11.5066, 21.8118, -8.8935



# Previews

## White Background



This preview shows how the HunterLab color 63.7118, 62.8256, -28.6253 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

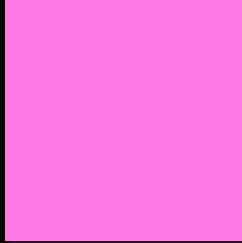
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 63.7118, 62.8256, -28.6253 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

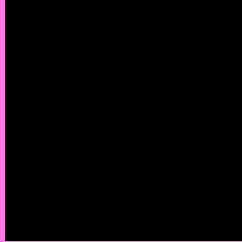
Any Text WCAG AA ✓ Pass

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 63.7118, 62.8256, -28.6253 Background



This preview shows how black text looks on a background with the HunterLab color 63.7118, 62.8256, -28.6253.



This preview shows how white text looks on a background with the HunterLab color 63.7118, 62.8256, -28.6253.

-28.6253.

# 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

63.7118, 62.8256, -28.6253

### Protanopia

63.9437, 8.2374, -48.1763

### Deuteranopia

63.8771, 4.8874, -24.0480



## Tritanopia

63.6797, 36.8137, 13.0185

# Trichromacy



## Original Color

63.7118, 62.8256, -28.6253



## Protanomaly

62.2351, 25.8705, -44.2609



## Deuteranomaly

62.5437, 24.7633, -27.8797



## Tritanomaly

63.3794, 45.6514, -0.0428

# Monochromacy



## Original Color

63.7118, 62.8256, -28.6253



## Achromatopsia

64.6440, -3.4492, 3.5122



## Achromatomaly

62.9746, 19.6415, -8.3517

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 63.7118, 62.8256, -28.6253 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(255, 121, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 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(255, 121, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 229) }
```

## Border

The CSS property to change the border of an element to HunterLab 63.7118, 62.8256, -28.6253 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(255, 121, 229) }
```



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

```
.border{ border-color:rgb(255, 121, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 121, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
229) }
```

# Background

The CSS property to change the background color of an element to HunterLab 63.7118, 62.8256, -28.6253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 121, 229) }
```

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

```
.background{ background-color: rgb(255,  
121, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor