

# Converting Colors

HunterLab(83.1023, 73.0721,  
-135.1582)

Have a look what the booklet for  
HunterLab(83.1023, 73.0721,  
-135.1582) contains.

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# Color

**HunterLab(75.0795, 34.5684,  
-27.8425)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2AEFF
RGB	242, 174, 255
RGB Percent	95%, 68%, 100%
CMY	0.0510, 0.3176, 0.0000
CMYK	0.05, 0.32, 0.00, 0.00
HSL	290°, 100%, 84%
HSV	290°, 32%, 100%
XYZ	69.8040, 56.3693, 101.8090
YIQ	203.5660, 14.5270, 39.6070

# Conversions

## Conversions Part 2

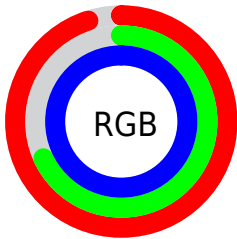
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 174, 255
Decimal	15904511
CIE Lab	79.82, 38.08, -30.36
CIE LCh	80, 48.697, 321.437
Yxy	56.3717, 0.3062, 0.2473
Android (android.graphics.Color)	4294094591 (0xFF2AEFF)
YUV	203.5660, 25.3570, 33.7066
Hunter-Lab	75.0795, 34.5684, -27.8425

# Details

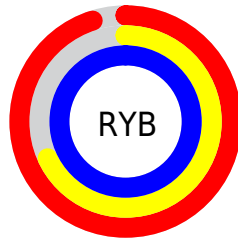
The HunterLab color  $75.0795, 34.5684, -27.8425$  is a light color, and the websafe version is hex  $FF99FF$ . A complement of this color would be  $92.2721, -37.8719, 30.4622$ , and the grayscale version is  $77.4129, -4.1306, 4.2060$ .

A 20% lighter version of the original color is  $92.2354, 8.0919, -3.8383$ , and  $52.9776, 32.0832, -26.5857$  is the 20% darker color. If you saturate the color by 10%, you get  $68.3521, 47.3848, -39.1168$ , and if you desaturate by 10%, it is  $82.4073, 21.7710, -16.9078$ .

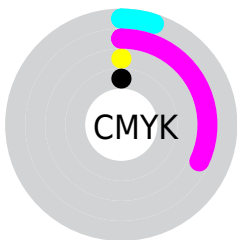
# Distribution



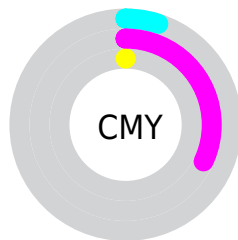
- Red (95%)
- Green (68%)
- Blue (100%)



- Red (95%)
- Yellow (68%)
- Blue (100%)



- Cyan (5%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)




- Cyan (5%)
- Magenta (32%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.0795, 34.5684, -27.8425 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 75.0795, 34.5684, -27.8425 by changing the saturation by 10% instead.





 75.0795, 34.5684,  
-27.8425

 75.0795, 34.5684,  
-27.8425

202.7537, 40.5980,  
-29.8054

 63.6404, 33.4903,  
-27.3625


 99.7736, 36.4312,  
-28.6338

 52.8483, 32.3076,  
-26.8352


112.9699, 37.2352,  
-28.9497

 42.7463, 31.0087,  
-26.2678


126.7016, 37.9617,  
-29.2132

 33.3853, 29.5852,  
-25.6828

140.9485, 38.6162,  
-29.4259

 24.8293, 28.0338,  
-25.1322

155.6927, 39.2031,  
-29.5897

 17.1629, 26.3717,  
-24.7456

170.9179, 39.7267,

 10.5044, 24.6967,

-29.7064

-24.9031

186.6094, 40.1906,  
-29.7777

0.0000, INF, -NF

0.0000, NaN, -NF

■ 75.0795, 34.5684,  
-27.8425

■ 75.0795, 34.5684,  
-27.8425

■ 68.3521, 47.3848,  
-39.1168

■ 82.4073, 21.7710,  
-16.9078

■ 62.3287, 59.9070,  
-50.5398

■ 90.2395, 9.1640,  
-6.3945

■ 57.1319, 71.5972,  
-61.7235

■ 98.5033, -3.1868,  
3.6963

■ 52.8818, 81.6866,  
-72.0567

100.0000, -5.3358,  
5.4332

■ 49.6697, 89.2807,

-80.7625

■ 47.5153, 93.6641,  
-87.1339

■ 46.3980, 95.0186,  
-90.6413

# Harmonies

## Analogous

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



75.0811, 13.1757, -47.7532



75.0795, 34.5684, -27.8425



75.0811, 45.9377, -2.5790

# Triad

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



75.0811, 34.5661, -27.8401



75.0811, 2.8169, 35.3156



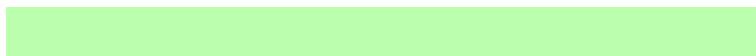
75.0811, -41.5137, -13.3249

# Complementary

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



75.0795, 34.5684, -27.8425



92.2721, -37.8719, 30.4622

# 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.



75.0811, -43.5700, 10.1926



75.0795, 34.5684, -27.8425



75.0811, -19.7770, 34.0367

# Square

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



75.0811, 34.5661, -27.8401



75.0811, 26.1904, 30.4690



75.0811, -36.0912, 26.1958



75.0811, -30.0824, -37.7422



# Rectangle

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



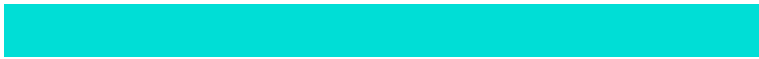
75.0795, 34.5684, -27.8425



75.0811, 45.4491, 12.0982



75.0811, -36.0912, 26.1958



75.0811, -43.2634, -4.9178

# Sweetspot

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



75.0811, 34.5661, -27.8401



91.6667, 6.9675, -4.5857



72.0932, 6.0142, -33.2774



41.8823, 4.0334, -2.7883

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



75.0811, 34.5661, -27.8401



70.8074, 42.5750, -34.8425



75.5881, 33.9240, -10.4028



42.5959, 2.9385, -1.8874



33.6212, 68.7979, -65.2549



10.6694, 21.7144, -19.7928



# Inverse Universe

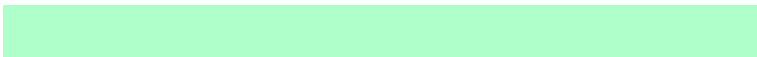
The Inverse Universe completely reimagines the original color for something new.



74.2443, 27.1816, 8.6791



69.8500, 33.8762, 9.7953



92.0524, -37.4544, 20.4739



42.4672, 1.8799, 2.7922



33.4755, 57.6186, 19.3777



10.5074, 18.2075, 5.1356



# Previews

## White Background



This preview shows how the HunterLab color 75.0795, 34.5684, -27.8425 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

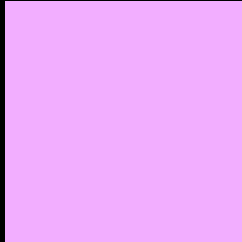
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 75.0795, 34.5684, -27.8425 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

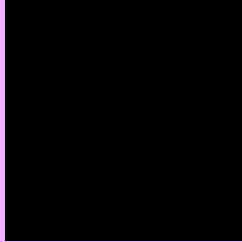
Any Text WCAG AA ✓ Pass

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 75.0795, 34.5684, -27.8425 Background



This preview shows how black text looks on a background with the HunterLab color 75.0795, 34.5684, -27.8425.



This preview shows how white text looks on a background with the HunterLab color 75.0795, 34.5684, -27.8425.

-27.8425.

# 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

75.0795, 34.5684, -27.8425

### Protanopia

75.2628, 3.6692, -28.0886

### Deuteranopia

75.1637, 6.0595, -25.5708



## Tritanopia

75.0426, 15.1752, 3.8160

# Trichromacy



## Original Color

75.0795, 34.5684, -27.8425



## Protanomaly

74.8491, 14.3321, -28.5689



## Deuteranomaly

74.9161, 15.7536, -26.4473



## Tritanomaly

74.9445, 21.8400, -6.4563

# Monochromacy



## Original Color

75.0795, 34.5684, -27.8425



## Achromatopsia

77.7063, -4.1462, 4.2219



## Achromatomaly

76.4023, 9.5186, -6.9305

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.0795, 34.5684, -27.8425 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(242, 174, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 174, 255)  
}
```

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(242, 174, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 174, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.0795, 34.5684, -27.8425 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(242, 174, 255) }
```



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

```
.border{ border-color:rgb(242, 174, 255) }
```

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

Here you see how a box with a 4 pixel rgb(242, 174, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 174, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 174, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 174,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 75.0795, 34.5684, -27.8425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 174, 255) }
```

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

```
.background{ background-color: rgb(242,  
174, 255) }
```

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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