

# Converting Colors

HunterLab(90.3102, 10.3270,  
-23.0472)

Have a look what the booklet for  
HunterLab(90.3102, 10.3270,  
-23.0472) contains.

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# Color

**HunterLab(89.3252, 4.5580,  
-7.6748)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEE2FF
RGB	238, 226, 255
RGB Percent	93%, 89%, 100%
CMY	0.0667, 0.1137, 0.0000
CMYK	0.07, 0.11, 0.00, 0.00
HSL	265°, 100%, 94%
HSV	265°, 11%, 100%
XYZ	80.5063, 79.7899, 105.7657
YIQ	232.8940, -2.1570, 11.5630

# Conversions

## Conversions Part 2

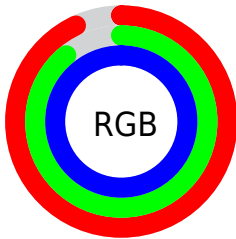
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	238, 226, 255
Decimal	15655679
CIE Lab	91.59, 9.32, -12.57
CIE LCh	92, 15.651, 306.570
Yxy	79.7932, 0.3026, 0.2999
Android (android.graphics.Color)	4293845759 (0xFFEEE2FF)
YUV	232.8940, 10.8983, 4.4780
Hunter-Lab	89.3252, 4.5580, -7.6748

# Details

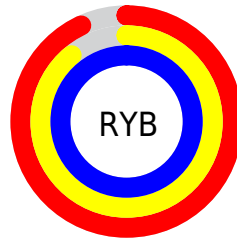
The HunterLab color  $89.3252, 4.5580, -7.6748$  is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be  $98.0136, -14.0802, 16.6220$ , and the grayscale version is  $90.1785, -4.8117, 4.8996$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $65.6872, 4.7427, -7.6638$  is the 20% darker color. If you saturate the color by 10%, you get  $80.2866, 13.5036, -20.1572$ , and if you desaturate by 10%, it is  $98.6935, -4.1574, 3.9062$ .

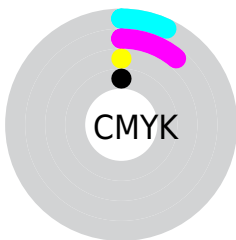
# Distribution



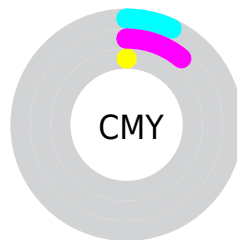
- Red (93%)
- Green (89%)
- Blue (100%)



- Red (93%)
- Yellow (89%)
- Blue (100%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 89.3252, 4.5580, -7.6748 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 89.3252, 4.5580, -7.6748 by changing the saturation by 10% instead.



89.3252, 4.5580,  
-7.6748

89.3252, 4.5580,  
-7.6748

222.3141, 0.6507,  
-4.3781

77.1675, 4.7794,  
-7.8187

115.3581, 3.9635,  
-7.2296

65.6160, 4.9492,  
-7.9100

129.1822, 3.6016,  
-6.9394

54.7064, 5.0598,  
-7.9417

143.5183, 3.1993,  
-6.6069

44.4791, 5.1045,  
-7.9083

158.3486, 2.7588,  
-6.2342

34.9829, 5.0743,  
-7.8037

173.6572, 2.2821,  
-5.8234

26.2793, 4.9570,  
-7.6212

189.4297, 1.7709,

18.4483, 4.7352,

-5.3760

-7.3555

205.6527, 1.2267,  
-4.8938

■ 11.6008, 4.3823,  
-7.0115

■ 4.1981, 9.4545,  
-12.2384

■ 89.3252, 4.5580,  
-7.6748

■ 89.3252, 4.5580,  
-7.6748

■ 80.2866, 13.5036,  
-20.1572

■ 98.6935, -4.1574,  
3.9062

■ 71.6289, 22.7312,  
-33.7751

100.0000, -5.3358,  
5.4332

■ 63.4294, 32.2649,  
-48.7838

■ 55.7906, 42.0727,  
-65.4274

■ 48.8506, 51.9815,  
-83.8139

■ 42.7906, 61.5288,  
-103.6426

■ 37.8277, 69.7784,  
-123.7544

■ 34.1676, 75.3257,  
-141.7976

■ 32.0220, 77.3850,  
-154.0834

# Harmonies

## Analogous

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



89.3270, -3.0087, -10.8870



89.3252, 4.5580, -7.6748



89.3270, 9.7478, -1.1384

# Triad

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



89.3270, 4.5557, -7.6724



89.3270, 1.4123, 17.2447



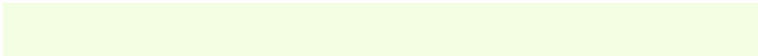
89.3270, -19.5085, 3.1762

# Complementary

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



89.3252, 4.5580, -7.6748



98.0136, -14.0802, 16.6220

# 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.



89.3270, -18.4180, 10.4736



89.3252, 4.5580, -7.6748



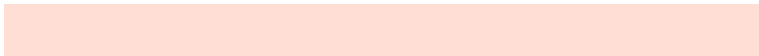
89.3270, -6.5198, 18.1810

# Square

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



89.3270, 4.5557, -7.6724



89.3270, 7.8889, 13.1288



89.3270, -13.7302, 15.8084



89.3270, -16.7630, -4.2784



# Rectangle

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



89.3252, 4.5580, -7.6748



89.3270, 11.0668, 3.9846



89.3270, -13.7302, 15.8084



89.3270, -19.5769, 5.7312

# Sweetspot

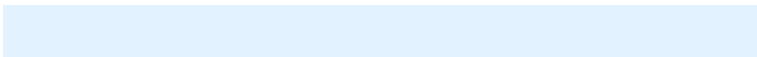
The Sweet Spot groups the original color and five complimentary colors.



89.3270, 4.5557, -7.6724



97.1469, -2.7515, 2.0729



93.6653, -8.4323, -2.3181



44.5938, -0.9521, 0.5384

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



89.3270, 4.5557, -7.6724



86.9161, 6.8839, -10.8590



90.7358, 9.2727, -5.7467



42.1246, 1.3479, -2.5211



23.3248, 56.1182, -110.3040



7.6937, 17.9499, -32.0374



# Inverse Universe

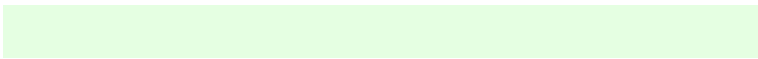
The Inverse Universe completely reimagines the original color for something new.



90.6239, 8.0745, 0.5058



88.5351, 11.2187, -0.5752



96.7748, -18.5303, 15.2236



42.6213, 2.7078, 0.5956



35.0447, 63.3608, -3.2899

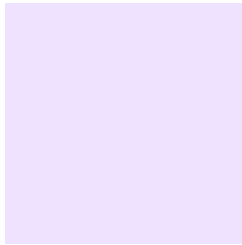


11.0343, 20.1284, -2.4189



# Previews

## White Background



This preview shows how the HunterLab color 89.3252, 4.5580, -7.6748 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

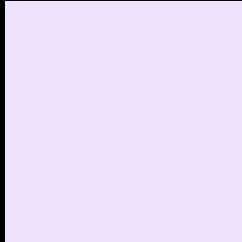
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 89.3252, 4.5580, -7.6748 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

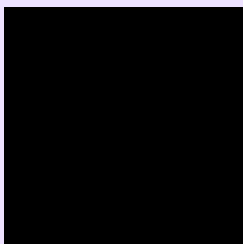
Any Text WCAG AA ✓ Pass

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 89.3252, 4.5580, -7.6748 Background



This preview shows how black text looks on a background with the HunterLab color 89.3252, 4.5580, -7.6748.



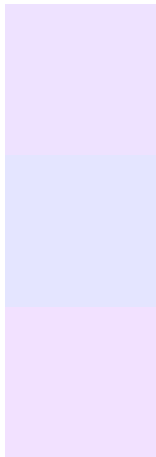
This preview shows how white text looks on a background with the HunterLab color 89.3252, 4.5580,

-7.6748.

# 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

89.3252, 4.5580, -7.6748

### Protanopia

89.3043, -0.2491, -7.7865

### Deuteranopia

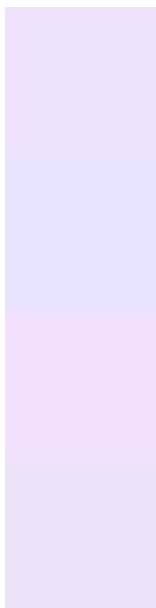
89.4135, 6.4144, -7.5259



## Tritanopia

89.4279, 1.1270, -2.6807

# Trichromacy



## Original Color

89.3252, 4.5580, -7.6748

## Protanomaly

89.3659, 1.5489, -7.6738

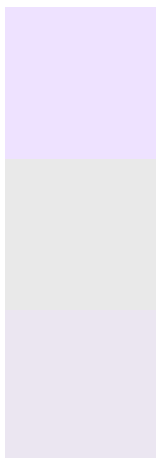
## Deuteranomaly

89.3147, 6.0832, -7.6619

## Tritanomaly

89.3209, 2.5482, -4.4065

# Monochromacy



## Original Color

89.3252, 4.5580, -7.6748

## Achromatopsia

90.2689, -4.8165, 4.9045

## Achromatomaly

89.7812, -1.1754, 0.3457

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 89.3252, 4.5580, -7.6748 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(238, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 226, 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(238, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 226, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 89.3252, 4.5580, -7.6748 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(238, 226, 255) }
```



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

```
.border{ border-color:rgb(238, 226, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 226, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 226, 255); box-shadow:4px 4px 4px 4px rgb(238, 226, 255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 89.3252, 4.5580, -7.6748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 226, 255) }
```

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

```
.background{ background-color: rgb(238,  
226, 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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