

# Converting Colors

HunterLab(48.8445, 45.6584,  
-84.9356)

Have a look what the booklet for  
HunterLab(48.8445, 45.6584,  
-84.9356) contains.

<b>HunterLab(48.7926, 45.1398, -84.1059)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(48.7926, 45.1398,  
-84.1059)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9669FF
RGB	150, 105, 255
RGB Percent	59%, 41%, 100%
CMY	0.4117, 0.5882, 0.0000
CMYK	0.41, 0.59, 0.00, 0.00
HSL	258°, 100%, 71%
HSV	258°, 59%, 100%
XYZ	35.6792, 23.8072, 97.3224
YIQ	135.5550, -21.3300, 56.1900

# Conversions

## Conversions Part 2

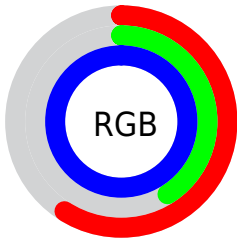
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	150, 105, 255
Decimal	9857535
CIE Lab	55.89, 50.80, -68.70
CIE LCh	56, 85.439, 306.480
Yxy	23.8079, 0.2275, 0.1518
Android (android.graphics.Color)	4288047615 (0xFF9669FF)
YUV	135.5550, 58.8864, 12.6683
Hunter-Lab	48.7926, 45.1398, -84.1059

# Details

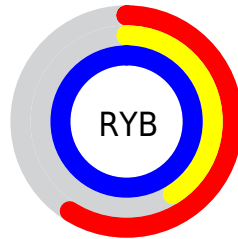
The HunterLab color **48.7926, 45.1398, -84.1059** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **92.8661, -37.7943, 48.0292**, and the grayscale version is **49.2230, -2.6264, 2.6744**.

A 20% lighter version of the original color is **67.2525, 32.4584, -41.3975**, and **29.8952, 41.1909, -85.6199** is the 20% darker color. If you saturate the color by 10%, you get **42.1932, 54.8647, -105.9834**, and if you desaturate by 10%, it is **56.2386, 35.5777, -64.4641**.

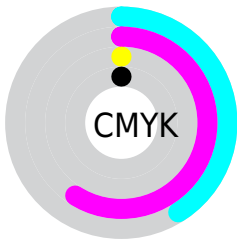
# Distribution



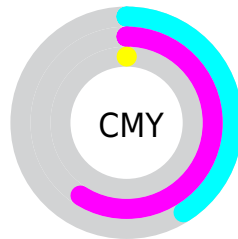
- Red (59%)
- Green (41%)
- Blue (100%)



- Red (59%)
- Yellow (41%)
- Blue (100%)



- Cyan (41%)
- Magenta (59%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (59%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7926, 45.1398, -84.1059 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 48.7926, 45.1398, -84.1059 by changing the saturation by 10% instead.



48.7926, 45.1398,  
-84.1059

48.7926, 45.1398,  
-84.1059

164.8781, 56.8362,  
-90.5446

38.9759, 43.3381,  
-84.4671

70.5100, 48.4125,  
-84.7561

29.9227, 41.4365,  
-85.7738

82.3270, 49.8875,  
-85.4264

21.7048, 39.4774,  
-88.8747

94.7390, 51.2624,  
-86.2073

14.4177, 37.5967,  
-95.8226

107.7189, 52.5432,  
-87.0503

8.0784, 37.2657,  
-114.8329

121.2426, 53.7358,  
-87.9237

0.0000, INF, -NF

0.0000, NaN, -NF

135.2893, 54.8456,

-88.8061

0.0000, NaN, -NF

149.8401, 55.8775,  
-89.6831

0.0000, NaN, -NF

■ 48.7926, 45.1398,  
-84.1059

■ 48.7926, 45.1398,  
-84.1059

■ 42.1932, 54.8647,  
-105.9834

■ 56.2386, 35.5777,  
-64.4641

■ 36.6830, 64.0170,  
-129.1880

■ 64.3424, 26.4348,  
-47.0685

■ 32.5363, 71.1597,  
-151.1065

■ 72.9701, 17.7428,  
-31.5967

■ 29.8841, 74.7764,  
-167.9778

■ 82.0255, 9.4491,  
-17.6757

■ 29.6265, 75.1056,  
-169.7629

■ 91.4388, 1.4807,  
-4.9747

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.



48.7934, 5.3641, -116.5035



48.7926, 45.1398, -84.1059



48.7934, 77.3849, -31.1425

# Triad

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



48.7934, 45.1401, -84.1036



48.7934, 27.8351, 32.5856



48.7934, -53.7039, -5.2815

# Complementary

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



48.7926, 45.1398, -84.1059



92.8661, -37.7943, 48.0292

# 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.



48.7934, -50.8544, 22.1548



48.7926, 45.1398, -84.1059



48.7934, -10.0955, 33.1803

# Square

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



48.7934, 45.1401, -84.1036



48.7934, 65.5555, 27.6793



48.7934, -37.0065, 31.3648



48.7934, -46.3580, -54.1062



# Rectangle

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



48.7926, 45.1398, -84.1059



48.7934, 86.2671, -1.5147



48.7934, -37.0065, 31.3648



48.7934, -53.8661, 6.4882

# Sweetspot

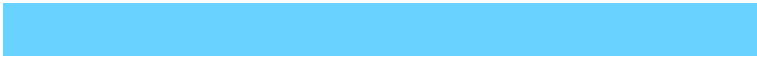
The Sweet Spot groups the original color and five complimentary colors.



48.7934, 45.1401, -84.1036



82.7874, 8.7821, -16.5885



75.0445, -19.7183, -28.8494



37.0598, 5.1588, -9.4704

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



48.7934, 45.1401, -84.1036



40.8913, 56.9443, -110.9818



57.7331, 66.3988, -60.4218



42.0022, 0.9322, -2.6868



21.5723, 54.4309, -121.6217



7.1207, 17.3528, -35.3856



# Inverse Universe

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



60.0137, 67.2612, -22.0778



55.0935, 79.1609, -23.9216



88.1425, -56.4320, 44.3349



42.6639, 2.9359, -0.0096



35.8140, 66.1284, -14.0341

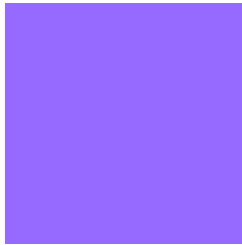


11.2614, 20.9423, -5.5656



# Previews

## White Background



This preview shows how the HunterLab color 48.7926, 45.1398, -84.1059 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

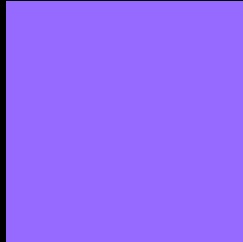
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 48.7926, 45.1398, -84.1059 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

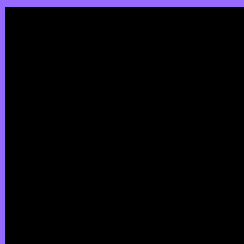
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 48.7926, 45.1398, -84.1059 Background



This preview shows how black text looks on a background with the HunterLab color 48.7926, 45.1398, -84.1059.



This preview shows how white text looks on a background with the HunterLab color 48.7926, 45.1398, -84.1059.

-84.1059.

# 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

48.7926, 45.1398, -84.1059

### Protanopia

49.2030, 15.5435, -83.4122

### Deuteranopia

48.8872, 4.0214, -69.7857



## Tritanopia

48.6707, -3.8854, -3.2049

# Trichromacy



## Original Color

48.7926, 45.1398, -84.1059

## Protanomaly

48.2436, 24.7358, -86.1097

## Deuteranomaly

46.9809, 14.2530, -79.8207

## Tritanomaly

47.9030, 12.0969, -27.7676

# Monochromacy



## Original Color

48.7926, 45.1398, -84.1059

## Achromatopsia

49.6187, -2.6475, 2.6959

## Achromatomaly

48.5640, 12.2493, -21.9278

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 48.7926, 45.1398, -84.1059 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(150, 105, 255)` looks like.

```
.text, #text, p{  
    color:rgb(150, 105, 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(150, 105, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 105, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 48.7926, 45.1398, -84.1059 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(150, 105, 255) }
```



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

```
.border{ border-color:rgb(150, 105, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 105, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 105, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 105, 255);  
box-shadow:4px 4px 4px 4px rgb(150, 105,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 48.7926, 45.1398, -84.1059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 105, 255) }
```

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

```
.background{ background-color: rgb(150,  
105, 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](#).

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