

# Converting Colors

HunterLab(21.9724, 43.2356,  
-29.2673)

Have a look what the booklet for  
HunterLab(21.9724, 43.2356,  
-29.2673) contains.

<b>HunterLab(21.9436, 43.2197, -29.5462)</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(21.9436, 43.2197,  
-29.5462)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	720073
RGB	114, 0, 115
RGB Percent	45%, 0%, 45%
CMY	0.5529, 1.0000, 0.5490
CMYK	0.01, 1.00, 0.00, 0.55
HSL	299°, 100%, 23%
HSV	299°, 100%, 45%
XYZ	10.0339, 4.8152, 16.6203
YIQ	47.1960, 31.0290, 59.9330

# Conversions

## Conversions Part 2

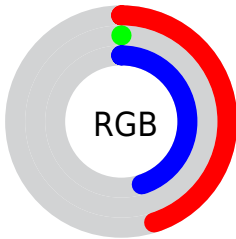
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 0, 115
Decimal	7471219
CIE <sub>Lab</sub>	26.20, 54.40, -34.12
CIE <sub>LCh</sub>	26, 64.221, 327.903
Yxy	4.8154, 0.3188, 0.1530
Android (android.graphics.Color)	4285661299 (0xFF720073)
YUV	47.1960, 33.4274, 58.5871
Hunter-Lab	21.9436, 43.2197, -29.5462

# Details

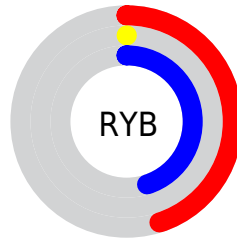
The HunterLab color **21.9436, 43.2197, -29.5462** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **35.0258, -29.9867, 21.0574**, and the grayscale version is **16.8119, -0.8970, 0.9134**.

A 20% lighter version of the original color is **39.2383, 47.3231, -30.9702**, and **11.7705, 23.4991, -18.2985** is the 20% darker color. If you saturate the color by 10%, you get **21.9437, 43.2200, -29.5461**, and if you desaturate by 10%, it is **22.5236, 41.2020, -28.0957**.

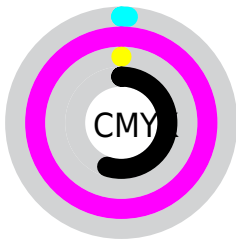
# Distribution



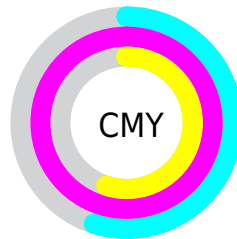
- Red (45%)
- Green (0%)
- Blue (45%)



- Red (45%)
- Yellow (0%)
- Blue (45%)



- Cyan (1%)
- Magenta (100%)
- Yellow (0%)
- Black (55%)



- Cyan (55%)
- Magenta (100%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.9436, 43.2197, -29.5462 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 21.9436, 43.2197, -29.5462 by changing the saturation by 10% instead.



21.9436, 43.2197,  
-29.5462

21.9436, 43.2197,  
-29.5462

121.6667, 58.4483,  
-34.1984

14.6266, 41.3294,  
-29.5070

39.2666, 47.2426,  
-30.5757

8.2864, 40.8951,  
-31.1630

49.1066, 49.1528,  
-31.1960

0.0000, INF, -NF

0.0000, NaN, -NF

59.6540, 50.9588,  
-31.8045

0.0000, NaN, NaN

70.8641, 52.6571,  
-32.3791

0.0000, NaN, NaN

82.6998, 54.2502,  
-32.9092

0.0000, NaN, NaN

0.0000, NaN, NaN

95.1297, 55.7428,

-33.3900

0.0000, NaN, NaN

108.1265, 57.1404,  
-33.8198

21.9436, 43.2197,  
-29.5462

21.9436, 43.2197,  
-29.5462

21.9437, 43.2200,  
-29.5461

22.5236, 41.2020,  
-28.0957

23.3277, 38.5007,  
-26.1760

24.5127, 34.7267,  
-23.5189

26.0706, 30.1260,  
-20.2951

27.9743, 24.9839,  
-16.7018

■ 30.1875, 19.5532,  
-12.9128

■ 32.6717, 14.0212,  
-9.0567

■ 35.3904, 8.5096,  
-5.2167

■ 38.3116, 3.0873,  
-1.4398

# Harmonies

## Analogous

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



21.9441, 20.4973, -64.5332



21.9436, 43.2197, -29.5462



21.9441, 53.7700, -0.2230

# Triad

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



21.9441, 43.2185, -29.5451



21.9441, 0.2896, 15.3609



21.9441, -26.2777, -24.6077

# Complementary

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



21.9436, 43.2197, -29.5462



35.0258, -29.9867, 21.0574

# 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.



21.9441, -28.3096, 2.5232



21.9436, 43.2197, -29.5462



21.9441, -16.7441, 15.3609

# Square

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



21.9441, 43.2185, -29.5451



21.9441, 23.9562, 15.3609



21.9441, -25.5817, 13.2731



21.9441, -18.4395, -60.2626



# Rectangle

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



21.9436, 43.2197, -29.5462



21.9441, 50.3669, 9.8797



21.9441, -25.5817, 13.2731



21.9441, -27.5002, -13.7476

# Sweetspot

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



21.9441, 43.2185, -29.5451



43.4436, 19.3521, -12.5302



11.3121, 29.3653, -77.5278



20.6622, 10.6630, -6.9640



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704



# Same Dimension

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



21.9441, 43.2185, -29.5451



29.3590, 57.8277, -39.5517



19.9127, 35.7067, 0.4044



19.3814, 1.2977, -0.5470



23.4614, 46.2096, -31.5938



51.7712, 101.9793, -69.7969



# Inverse Universe

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



19.0977, 32.7147, 12.2509



25.5532, 43.7719, 16.4249



35.4162, -27.5314, 15.1661



19.2388, 0.5229, 1.5449



20.4185, 34.9788, 13.1055



45.0669, 77.1891, 29.0393



# Previews

## White Background



This preview shows how the HunterLab color 21.9436, 43.2197, -29.5462 looks on a white 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



# Black Background



This preview shows how the HunterLab color 21.9436, 43.2197, -29.5462 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

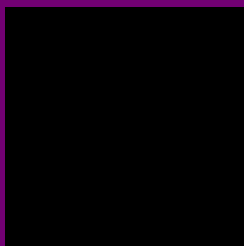
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

## HunterLab 21.9436, 43.2197, -29.5462 Background



This preview shows how black text looks on a background with the HunterLab color 21.9436, 43.2197, -29.5462.



This preview shows how white text looks on a background with the HunterLab color 21.9436, 43.2197, -29.5462.

-29.5462.

# 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

21.9436, 43.2197, -29.5462

### Protanopia

22.9701, 7.0545, -43.9391

### Deuteranopia

23.2190, 1.2978, -21.8975



## Tritanopia

22.8385, 18.9266, 7.1450

# Trichromacy



## Original Color

21.9436, 43.2197, -29.5462

## Protanomaly

18.7651, 19.5169, -51.5355

## Deuteranomaly

19.9045, 18.4718, -32.2085

## Tritanomaly

21.5908, 28.6819, -3.0297

# Monochromacy



## Original Color

21.9436, 43.2197, -29.5462

## Achromatopsia

16.8600, -0.8996, 0.9160

## Achromatomaly

16.5409, 16.7281, -11.4905

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 21.9436, 43.2197, -29.5462 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(114, 0, 115)` looks like.

```
.text, #text, p{  
    color:rgb(114, 0, 115)  
}
```

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(114, 0, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 0, 115) }
```

## Border

The CSS property to change the border of an element to HunterLab 21.9436, 43.2197, -29.5462 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(114, 0, 115) }
```



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

```
.border{ border-color:rgb(114, 0, 115) }
```

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

Here you see how a box with a 4 pixel rgb(114, 0, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 0, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 0, 115);  
box-shadow:4px 4px 4px 4px rgb(114, 0,  
115) }
```

# Background

The CSS property to change the background color of an element to HunterLab 21.9436, 43.2197, -29.5462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 0, 115) }
```

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

```
.background{ background-color: rgb(114, 0,  
115) }
```

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