

# Converting Colors

HunterLab(29.9497, 66.1752,  
-96.0366)

Have a look what the booklet for  
HunterLab(29.9497, 66.1752,  
-96.0366) contains.

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# Color

**HunterLab(29.9470, 66.1652,  
-95.9956)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F00CE
RGB	127, 0, 206
RGB Percent	50%, 0%, 81%
CMY	0.5019, 1.0000, 0.1922
CMYK	0.38, 1.00, 0.00, 0.19
HSL	277°, 100%, 40%
HSV	277°, 100%, 81%
XYZ	19.8929, 8.9682, 59.0750
YIQ	61.4570, 9.5660, 90.9900

# Conversions

## Conversions Part 2

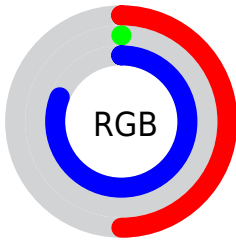
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 0, 206
Decimal	8323278
CIELab	35.92, 73.06, -73.60
CIELCh	36, 103.702, 314.789
Yxy	8.9685, 0.2262, 0.1020
Android (android.graphics.Color)	4286513358 (0xFF7F00CE)
YUV	61.4570, 71.2597, 57.4812
Hunter-Lab	29.9470, 66.1652, -95.9956

# Details

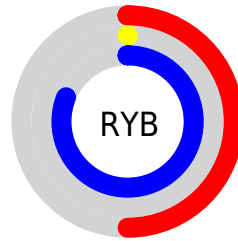
The HunterLab color **29.9470, 66.1652, -95.9956** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **67.6793, -51.7233, 40.7981**, and the grayscale version is **21.5196, -1.1482, 1.1692**.

A 20% lighter version of the original color is **48.2012, 68.4722, -85.4723**, and **18.3310, 43.4045, -81.2708** is the 20% darker color. If you saturate the color by 10%, you get **29.9475, 66.1657, -95.9938**, and if you desaturate by 10%, it is **31.8133, 64.2733, -88.0972**.

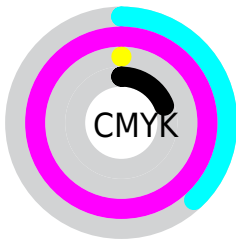
# Distribution



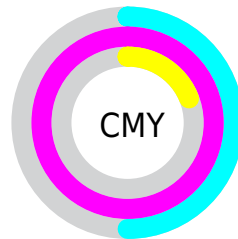
- Red (50%)
- Green (0%)
- Blue (81%)



- Red (50%)
- Yellow (0%)
- Blue (81%)



- Cyan (38%)
- Magenta (100%)
- Yellow (0%)
- Black (19%)



- Cyan (50%)
- Magenta (100%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9470, 66.1652, -95.9956 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 29.9470, 66.1652, -95.9956 by changing the saturation by 10% instead.



29.9470, 66.1652,  
-95.9956

29.9470, 66.1652,  
-95.9956

135.3303, 85.2475,  
-97.5524

21.7271, 64.0597,  
-100.0940

48.8225, 70.8363,  
-93.3569

14.4371, 62.6227,  
-108.8778

59.3508, 73.1506,  
-93.2904

8.0980, 64.6721,  
-132.0837

70.5430, 75.3924,  
-93.6250

0.0000, INF, -NF

0.0000, NaN, -NF

82.3617, 77.5472,  
-94.2065

0.0000, NaN, -NF

94.7754, 79.6098,  
-94.9406

0.0000, NaN, NaN

107.7568, 81.5794,

0.0000, NaN, NaN

-95.7672

121.2822, 83.4577,  
-96.6467

29.9470, 66.1652,  
-95.9956

29.9470, 66.1652,  
-95.9956

29.9475, 66.1657,  
-95.9938

31.8133, 64.2733,  
-88.0972

34.4645, 60.0217,  
-78.1663

37.9877, 53.6238,  
-66.7908

42.2867, 45.9113,  
-55.0114

47.2420, 37.5638,  
-43.5164

■ 52.7412, 29.0130,  
-32.6363

■ 58.6901, 20.4898,  
-22.4663

■ 65.0135, 12.0981,  
-12.9793

■ 71.6528, 3.8714,  
-4.0978

# Harmonies

## Analogous

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



29.9475, 18.6447, -163.2465



29.9470, 66.1652, -95.9956



29.9475, 101.5664, -21.8983

# Triad

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



29.9475, 66.1657, -95.9938



29.9475, 19.2755, 20.9632



29.9475, -43.8624, -21.0899

# Complementary

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



29.9470, 66.1652, -95.9956



67.6793, -51.7233, 40.7981

# 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.



29.9475, -43.8212, 14.4431



29.9470, 66.1652, -95.9956



29.9475, -17.5793, 20.9632

# Square

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



29.9475, 66.1657, -95.9938



29.9475, 66.8147, 20.9632



29.9475, -36.8811, 20.9632



29.9475, -37.0476, -94.8348



# Rectangle

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



29.9470, 66.1652, -95.9956



29.9475, 106.2791, 6.7140



29.9475, -36.8811, 20.9632



29.9475, -44.4844, -4.5386

# Sweetspot

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



29.9475, 66.1657, -95.9938



74.4141, 26.4820, -29.0622



32.4828, 21.1219, -86.1969



32.9064, 14.3882, -15.9573

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



29.9475, 66.1657, -95.9938



37.9599, 84.0269, -122.9073



40.7941, 78.4888, -40.5206



33.4374, 1.5658, -1.6580



23.6216, 52.0689, -74.7828



5.7503, 12.3093, -15.3669



# Inverse Universe

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



36.9950, 64.8808, 12.0780



47.0509, 82.4417, 15.9410



66.4796, -56.7234, 39.3558



33.5912, 1.7267, 1.3191



29.0606, 51.0238, 9.0371



6.7111, 11.9929, 0.4613



# Previews

## White Background



This preview shows how the HunterLab color 29.9470, 66.1652, -95.9956 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

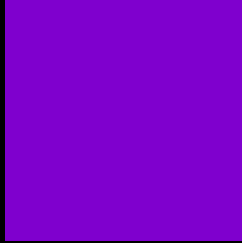
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the HunterLab color 29.9470, 66.1652, -95.9956 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

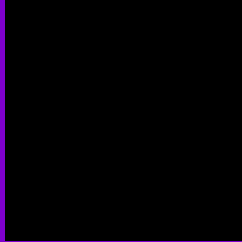
Any Text WCAG AA × Fail

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 29.9470, 66.1652, -95.9956 Background



This preview shows how black text looks on a background with the HunterLab color 29.9470, 66.1652, -95.9956.



This preview shows how white text looks on a background with the HunterLab color 29.9470, 66.1652, -95.9956.

-95.9956.

# 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

29.9470, 66.1652, -95.9956

### Protanopia

30.7819, 9.9587, -59.9726

### Deuteranopia

30.6786, 0.0737, -38.5046



## Tritanopia

30.5107, 6.1781, 1.3867

# Trichromacy



## Original Color

29.9470, 66.1652, -95.9956

## Protanomaly

25.9131, 32.9694, -91.0240

## Deuteranomaly

25.4669, 25.7777, -74.7218

## Tritanomaly

27.2472, 30.2443, -28.6361

# Monochromacy



## Original Color

29.9470, 66.1652, -95.9956

## Achromatopsia

21.6021, -1.1526, 1.1737

## Achromatomaly

21.4412, 24.9919, -30.3720

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 29.9470, 66.1652, -95.9956 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(127, 0, 206)` looks like.

```
.text, #text, p{  
    color:rgb(127, 0, 206)  
}
```

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(127, 0, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 0, 206) }
```

## Border

The CSS property to change the border of an element to HunterLab 29.9470, 66.1652, -95.9956 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(127, 0, 206) }
```



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

```
.border{ border-color:rgb(127, 0, 206) }
```

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

Here you see how a box with a 4 pixel rgb(127, 0, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 0, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 0, 206);  
box-shadow:4px 4px 4px 4px rgb(127, 0,  
206) }
```

# Background

The CSS property to change the background color of an element to HunterLab 29.9470, 66.1652, -95.9956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 0, 206) }
```

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

```
.background{ background-color: rgb(127, 0,  
206) }
```

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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