

# Converting Colors

HunterLab(29.9598, 70.3218,  
-128.0402)

Have a look what the booklet for  
HunterLab(29.9598, 70.3218,  
-128.0402) contains.

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# Color

**HunterLab(29.9406, 70.3553,  
-128.5668)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D00E6
RGB	109, 0, 230
RGB Percent	43%, 0%, 90%
CMY	0.5725, 1.0000, 0.0980
CMYK	0.53, 1.00, 0.00, 0.10
HSL	268°, 100%, 45%
HSV	268°, 100%, 90%
XYZ	20.5896, 8.9644, 75.5081
YIQ	58.8110, -8.8660, 94.6380

# Conversions

## Conversions Part 2

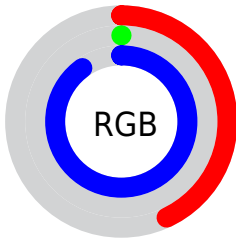
Format	Color
R <sub>Y</sub> B	109, 0, 230
Decimal	7143654
CIE Lab	35.92, 76.52, -87.52
CIE LCh	36, 116.249, 311.163
Yxy	8.9648, 0.1960, 0.0853
Android (android.graphics.Color)	4285333734 (0xFF6D00E6)
YUV	58.8110, 84.3962, 44.0158
Hunter-Lab	29.9406, 70.3553, -128.5668

# Details

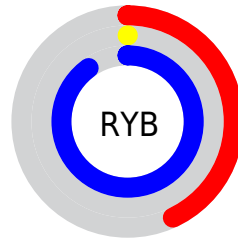
The HunterLab color **29.9406, 70.3553, -128.5668** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **77.8835, -53.3727, 47.0571**, and the grayscale version is **20.5704, -1.0976, 1.1176**.

A 20% lighter version of the original color is **46.1502, 65.1197, -91.9667**, and **18.1470, 47.7029, -117.1520** is the 20% darker color. If you saturate the color by 10%, you get **29.9412, 70.3561, -128.5638**, and if you desaturate by 10%, it is **32.2468, 68.0563, -116.5843**.

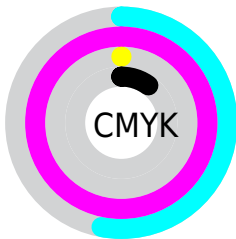
# Distribution



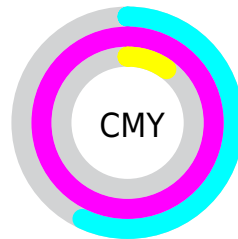
- Red (43%)
- Green (0%)
- Blue (90%)



- Red (43%)
- Yellow (0%)
- Blue (90%)



- Cyan (53%)
- Magenta (100%)
- Yellow (0%)
- Black (10%)



- Cyan (57%)
- Magenta (100%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9406, 70.3553, -128.5668 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 29.9406, 70.3553, -128.5668 by changing the saturation by 10% instead.



29.9406, 70.3553,  
-128.5668

29.9406, 70.3553,  
-128.5668

135.3200, 90.1500,  
-123.8960

21.7215, 68.2887,  
-136.3545

48.8152, 75.1050,  
-122.2498

14.4322, 67.0218,  
-151.8453

59.3430, 77.4928,  
-121.2310

8.0931, 69.6690,  
-190.5035

70.5346, 79.8188,  
-120.9277

0.0000, INF, -NF

0.0000, NaN, -NF

82.3529, 82.0642,  
-121.0850

0.0000, NaN, -NF

94.7662, 84.2210,  
-121.5460

0.0000, NaN, -NF

107.7472, 86.2870,

0.0000, NaN, NaN

-122.2096

121.2722, 88.2626,  
-123.0084

29.9406, 70.3553,  
-128.5668

29.9406, 70.3553,  
-128.5668

29.9412, 70.3561,  
-128.5638

32.2468, 68.0563,  
-116.5843

35.5955, 62.9002,  
-101.6616

40.0211, 55.4800,  
-85.2755

45.3611, 46.9096,  
-69.0788

51.4446, 37.9505,  
-53.9157

■ 58.1266, 29.0035,  
-40.0366

■ 65.2940, 20.2372,  
-27.3913

■ 72.8613, 11.6987,  
-15.8174

■ 80.7646, 3.3805,  
-5.1318

# Harmonies

## Analogous

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



29.9412, 15.3206, -206.3745



29.9406, 70.3553, -128.5668



29.9412, 116.2028, -34.3068

# Triad

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



29.9412, 70.3561, -128.5638



29.9412, 28.4888, 20.9589



29.9412, -46.4082, -16.9232

# Complementary

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



29.9406, 70.3553, -128.5668



77.8835, -53.3727, 47.0571

# 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.



29.9412, -45.7244, 17.1743



29.9406, 70.3553, -128.5668



29.9412, -15.4361, 20.9589

# Square

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



29.9412, 70.3561, -128.5638



29.9412, 84.3477, 20.9589



29.9412, -37.9205, 20.9589



29.9412, -40.9286, -102.3842



# Rectangle

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



29.9406, 70.3553, -128.5668



29.9412, 125.7766, 3.1184



29.9412, -37.9205, 20.9589



29.9412, -46.7574, 0.0606

# Sweetspot

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



29.9412, 70.3561, -128.5638



73.2600, 22.9153, -31.0232



44.4934, 7.6877, -72.2084



32.2867, 12.5217, -17.0720

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



29.9412, 70.3561, -128.5638



33.5774, 79.0042, -144.9823



46.1471, 91.4084, -66.1487



37.7100, 1.3617, -2.1226



22.6870, 53.1087, -95.8544



6.5978, 14.9215, -23.8182



# Inverse Universe

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



42.6655, 76.3011, 2.4909



47.9430, 85.7024, 3.0842



75.2618, -64.3680, 45.2491



38.0711, 2.2614, 0.8299



32.1413, 57.5518, 1.3209

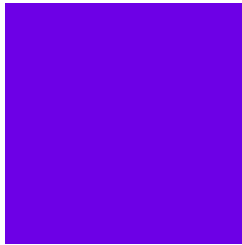


8.8439, 16.0313, -1.1520



# Previews

## White Background



This preview shows how the HunterLab color 29.9406, 70.3553, -128.5668 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

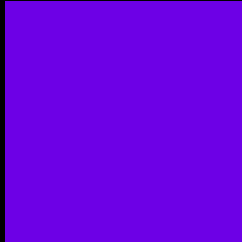
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the HunterLab color 29.9406, 70.3553, -128.5668 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

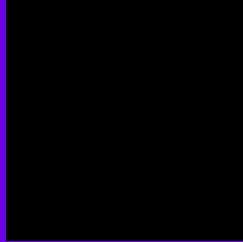
Any Text WCAG AA × Fail

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 29.9406, 70.3553, -128.5668 Background



This preview shows how black text looks on a background with the HunterLab color 29.9406, 70.3553, -128.5668.



This preview shows how white text looks on a background with the HunterLab color 29.9406, 70.3553, -128.5668.

-128.5668.

# 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

29.9406, 70.3553, -128.5668

### Protanopia

30.4658, 10.1446, -59.9790

### Deuteranopia

30.5200, -0.7887, -36.4448



## Tritanopia

30.6665, -5.9500, -3.0727

# Trichromacy



## Original Color

29.9406, 70.3553, -128.5668

## Protanomaly

26.3390, 35.2207, -99.3736

## Deuteranomaly

25.6744, 27.1953, -80.9704

## Tritanomaly

26.0952, 23.7030, -44.3696

# Monochromacy



## Original Color

29.9406, 70.3553, -128.5668

## Achromatopsia

20.9129, -1.1159, 1.1362

## Achromatomaly

20.8434, 25.2255, -38.1701

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 29.9406, 70.3553, -128.5668 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(109, 0, 230)` looks like.

```
.text, #text, p{  
    color:rgb(109, 0, 230)  
}
```

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(109, 0, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 0, 230) }
```

## Border

The CSS property to change the border of an element to HunterLab 29.9406, 70.3553, -128.5668 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(109, 0, 230) }
```



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

```
.border{ border-color:rgb(109, 0, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 0, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 0, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 0, 230);  
box-shadow:4px 4px 4px 4px rgb(109, 0,  
230) }
```

# Background

The CSS property to change the background color of an element to HunterLab 29.9406, 70.3553, -128.5668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 0, 230) }
```

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

```
.background{ background-color: rgb(109, 0,  
230) }
```

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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