

Converting Colors

HunterLab(29.9474, 67.0086,
-111.8877)

Have a look what the booklet for
HunterLab(29.9474, 67.0086,
-111.8877) contains.

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Color

**HunterLab(29.9568, 67.0815,
-111.6448)**

Conversions

Conversions Part 1

Format	Color
Hex	7506DA
RGB	117, 6, 218
RGB Percent	46%, 2%, 85%
CMY	0.5412, 0.9765, 0.1451
CMYK	0.46, 0.97, 0.00, 0.15
HSL	271°, 95%, 44%
HSV	271°, 97%, 85%
XYZ	20.0561, 8.9741, 67.0047
YIQ	63.3570, -1.8960, 89.4640

Conversions

Conversions Part 2

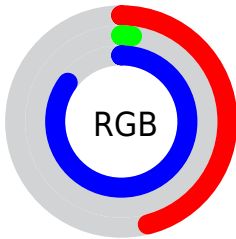
Format	Color
R_{YB}	117, 6, 218
Decimal	7669466
CIE _{Lab}	35.93, 73.82, -80.57
CIE _{LCh}	36, 109.276, 312.495
Yxy	8.9743, 0.2088, 0.0934
Android (android.graphics.Color)	4285859546 (0xFF7506DA)
YUV	63.3570, 76.2390, 47.0449
Hunter-Lab	29.9568, 67.0815, -111.6448

Details

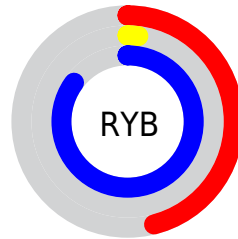
The HunterLab color **29.9568, 67.0815, -111.6448** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **72.9940, -51.5247, 43.9367**, and the grayscale version is **22.1624, -1.1825, 1.2041**.

A 20% lighter version of the original color is **47.1985, 65.6763, -88.6116**, and **18.0314, 45.1496, -98.9693** is the 20% darker color. If you saturate the color by 10%, you get **29.4098, 67.5765, -114.4154**, and if you desaturate by 10%, it is **32.2874, 64.4371, -100.7794**.

Distribution



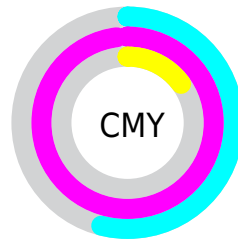
- Red (46%)
- Green (2%)
- Blue (85%)



- Red (46%)
- Yellow (2%)
- Blue (85%)



- Cyan (46%)
- Magenta (97%)
- Yellow (0%)
- Black (15%)



- Cyan (54%)
- Magenta (98%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9568, 67.0815, -111.6448 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 29.9568, 67.0815, -111.6448 by changing the saturation by 10% instead.

■ 29.9568, 67.0815,
-111.6448

■ 29.9568, 67.0815,
-111.6448

■ 135.3463, 86.3251,
-110.4738

■ 21.7358, 64.9835,
-117.4280

■ 48.8339, 71.7727,
-107.3435

■ 14.4447, 63.5800,
-129.2821

■ 59.3630, 74.1036,
-106.8539

■ 8.1057, 65.7318,
-159.5337

■ 70.5558, 76.3643,
-106.9104

0.0000, INF, -NF

0.0000, NaN, -NF

■ 82.3752, 78.5394,
-107.3122

0.0000, NaN, -NF

■ 94.7896, 80.6229,
-107.9362

0.0000, NaN, -NF

■ 107.7716, 82.6139,

0.0000, NaN, NaN

-108.7033

121.2976, 84.5137,
-109.5611

29.9568, 67.0815,
-111.6448

29.9568, 67.0815,
-111.6448

29.4098, 67.5765,
-114.4154

32.2874, 64.4371,
-100.7794

35.6269, 59.0129,
-87.3994

39.9119, 51.6902,
-73.0359

44.9993, 43.4041,
-58.9063

50.7440, 34.7813,
-45.6236

■ 57.0231, 26.1571,
-33.3715

■ 63.7399, 17.6788,
-22.1135

■ 70.8204, 9.3924,
-11.7270

■ 78.2083, 1.2958,
-2.0707

Harmonies

Analogous

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



29.9572, 16.2641, -182.5715



29.9568, 67.0815, -111.6448



29.9572, 107.5589, -28.4407

Triad

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



29.9572, 67.0830, -111.6435



29.9572, 24.2361, 20.9700



29.9572, -45.1372, -18.0889

Complementary

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



29.9568, 67.0815, -111.6448



72.9940, -51.5247, 43.9367

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.



29.9572, -44.6660, 16.0666



29.9568, 67.0815, -111.6448



29.9572, -16.0627, 20.9700

Square

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



29.9572, 67.0830, -111.6435



29.9572, 75.4040, 20.9700



29.9572, -37.1223, 20.9700



29.9572, -39.0974, -96.4663

Rectangle

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



29.9568, 67.0815, -111.6448



29.9572, 114.9207, 4.5521



29.9572, -37.1223, 20.9700



29.9572, -45.5910, -1.6183

Sweetspot

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



29.9572, 67.0830, -111.6435



74.4769, 23.1274, -29.0187



39.9048, 11.3167, -73.7648



32.8508, 12.7124, -16.0826

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



29.9572, 67.0830, -111.6435



34.9988, 80.5652, -137.2943



44.6257, 86.6061, -55.9253



35.9874, 1.4338, -1.9393



22.9050, 52.4652, -87.8311



6.2536, 13.8511, -20.3122

Inverse Universe

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



40.1210, 70.5201, 5.4051



47.5944, 84.4319, 8.0795



70.8537, -60.5115, 42.3714



36.2689, 2.0506, 1.0148



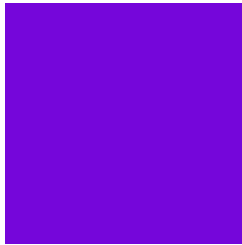
30.9004, 54.9192, 4.4530



7.9745, 14.3766, -0.4277

Previews

White Background



This preview shows how the HunterLab color 29.9568, 67.0815, -111.6448 looks on a white background.

Color Contrast Check

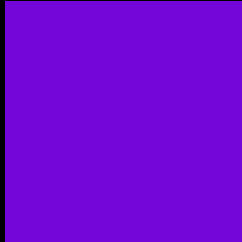
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9568, 67.0815, -111.6448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

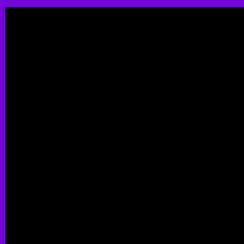
Any Text WCAG AA × Fail

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 29.9568, 67.0815, -111.6448 Background



This preview shows how black text looks on a background with the HunterLab color 29.9568, 67.0815, -111.6448.



This preview shows how white text looks on a background with the HunterLab color 29.9568, 67.0815, -111.6448.

-111.6448.

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

29.9568, 67.0815, -111.6448

Protanopia

30.4015, 9.8168, -59.1908

Deuteranopia

30.2479, -0.3271, -37.1011



Tritanopia

30.3332, -0.5532, -1.1096

Trichromacy



Original Color

29.9568, 67.0815, -111.6448

Protanomaly

26.3888, 32.6685, -92.6202

Deuteranomaly

25.6821, 25.5977, -76.1737

Tritanomaly

26.8416, 25.7223, -36.1221

Monochromacy



Original Color

29.9568, 67.0815, -111.6448

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

21.9701, 24.3158, -33.1357

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9568, 67.0815, -111.6448 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(117, 6, 218)` looks like.

```
.text, #text, p{  
    color:rgb(117, 6, 218)  
}
```

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(117, 6, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 6, 218) }
```

Border

The CSS property to change the border of an element to HunterLab 29.9568, 67.0815, -111.6448 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(117, 6, 218) }
```


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

```
.border{ border-color:rgb(117, 6, 218) }
```

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

Here you see how a box with a 4 pixel rgb(117, 6, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 6, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 6, 218);  
box-shadow:4px 4px 4px 4px rgb(117, 6,  
218) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.9568, 67.0815, -111.6448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 6, 218) }
```

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

```
.background{ background-color: rgb(117, 6,  
218) }
```

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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