

Converting Colors

HunterLab(30.8835, 70.8389,
-120.2738)

Have a look what the booklet for
HunterLab(30.8835, 70.8389,
-120.2738) contains.

HunterLab(30.8951, 70.8582, -120.5797)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(30.8951, 70.8582,
-120.5797)**

Conversions

Conversions Part 1

Format	Color
Hex	7701E4
RGB	119, 1, 228
RGB Percent	47%, 0%, 89%
CMY	0.5333, 0.9961, 0.1059
CMYK	0.48, 1.00, 0.00, 0.11
HSL	271°, 99%, 45%
HSV	271°, 100%, 89%
XYZ	21.6222, 9.5451, 74.1015
YIQ	62.1600, -2.5390, 95.6130

Conversions

Conversions Part 2

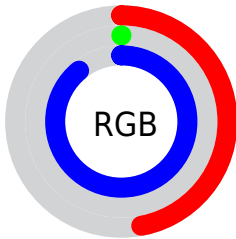
Format	Color
R_{YB}	119, 1, 228
Decimal	7799268
CIE _{Lab}	37.01, 76.72, -84.52
CIE _{LCh}	37, 114.149, 312.232
Yxy	9.5453, 0.2054, 0.0907
Android (android.graphics.Color)	4285989348 (0xFF7701E4)
YUV	62.1600, 81.7591, 49.8487
Hunter-Lab	30.8951, 70.8582, -120.5797

Details

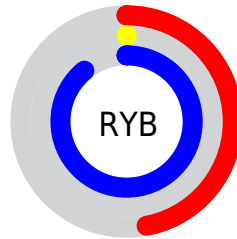
The HunterLab color $[30.8951, 70.8582, -120.5797]$ is a dark color, and the websafe version is hex $6600CC$. The color can be described as dark washed purple. A complement of this color would be $[76.6833, -54.6383, 46.2733]$, and the grayscale version is $[21.7290, -1.1594, 1.1806]$.

A 20% lighter version of the original color is $[47.5770, 66.4452, -87.4193]$, and $[19.0221, 48.0326, -107.5263]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.8060, 70.9387, -121.0411]$, and if you desaturate by 10%, it is $[33.1485, 68.6666, -109.6546]$.

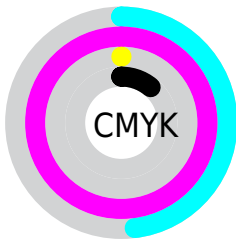
Distribution



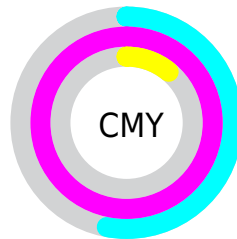
- Red (47%)
- Green (0%)
- Blue (89%)



- Red (47%)
- Yellow (0%)
- Blue (89%)



- Cyan (48%)
- Magenta (100%)
- Yellow (0%)
- Black (11%)



- Cyan (53%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.8951, 70.8582, -120.5797 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 30.8951, 70.8582, -120.5797 by changing the saturation by 10% instead.

30.8951, 70.8582,
-120.5797

30.8951, 70.8582,
-120.5797

136.8924, 90.6489,
-118.1325

22.5799, 68.7482,
-126.9843

49.9366, 75.6286,
-115.5655

15.1828, 67.3562,
-139.7573

60.5393, 78.0154,
-114.8736

8.8117, 68.4399,
-169.2737

71.8014, 80.3382,
-114.7896

0.0000, INF, -NF

0.0000, NaN, -NF

83.6865, 82.5795,
-115.0954

0.0000, NaN, -NF

96.1633, 84.7320,
-115.6564

0.0000, NaN, -NF

0.0000, NaN, NaN

109.2051, 86.7936,

-116.3853

122.7884, 88.7652,
-117.2240

■ 30.8951, 70.8582,
-120.5797

■ 30.8951, 70.8582,
-120.5797

■ 30.8060, 70.9387,
-121.0411

■ 33.1485, 68.6666,
-109.6546

■ 36.4087, 63.6135,
-95.9784

■ 40.7023, 56.2846,
-80.8525

■ 45.8846, 47.7265,
-65.7335

■ 51.7979, 38.6902,
-51.4206

■ 58.3048, 29.5950,
-38.1939

■ 65.2963, 20.6329,
-26.0509

■ 72.6884, 11.8704,
-14.8715

■ 80.4177, 3.3126,
-4.5043

Harmonies

Analogous

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



30.8954, 16.8168, -196.7412



30.8951, 70.8582, -120.5797



30.8954, 114.3854, -30.9159

Triad

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



30.8954, 70.8599, -120.5784



30.8954, 26.1611, 21.6268



30.8954, -47.0400, -18.7093

Complementary

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



30.8951, 70.8582, -120.5797



76.6833, -54.6383, 46.2733

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.



30.8954, -46.5130, 16.8986



30.8951, 70.8582, -120.5797



30.8954, -16.5941, 21.6268

Square

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



30.8954, 70.8599, -120.5784



30.8954, 80.6781, 21.6268



30.8954, -38.7051, 21.6268



30.8954, -40.9525, -102.4996

Rectangle

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



30.8951, 70.8582, -120.5797



30.8954, 122.5437, 4.4529



30.8954, -38.7051, 21.6268



30.8954, -47.4819, -1.3726

Sweetspot

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



30.8954, 70.8599, -120.5784



73.6255, 24.0501, -30.3981



41.1269, 13.3969, -80.2379



32.4825, 13.1146, -16.7170

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



30.8954, 70.8599, -120.5784



34.8872, 80.4400, -137.8782



46.8072, 91.5631, -59.0779



37.7542, 1.5117, -2.0629



23.5605, 54.0760, -91.1929



6.8223, 15.1868, -22.7488

Inverse Universe

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



42.0013, 74.4763, 6.3656



47.6193, 84.5229, 7.7210



74.5009, -63.8123, 44.6808



38.0561, 2.1813, 1.0422



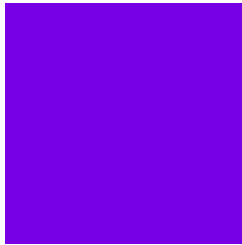
31.9239, 56.7604, 4.4294



8.7852, 15.8189, -0.3226

Previews

White Background



This preview shows how the HunterLab color 30.8951, 70.8582, -120.5797 looks on a white background.

Color Contrast Check

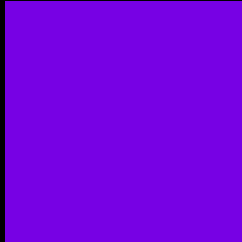
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.8951, 70.8582, -120.5797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

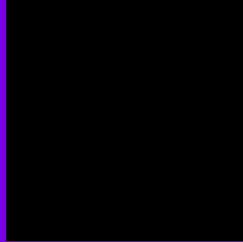
Any Text WCAG AA × Fail

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 30.8951, 70.8582, -120.5797 Background



This preview shows how black text looks on a background with the HunterLab color 30.8951, 70.8582, -120.5797.



This preview shows how white text looks on a background with the HunterLab color 30.8951, 70.8582, -120.5797.

-120.5797.

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

30.8951, 70.8582, -120.5797

Protanopia

31.5450, 10.2435, -61.5413

Deuteranopia

31.3293, -0.2791, -38.5564



Tritanopia

31.4231, -1.9350, -1.5514

Trichromacy



Original Color

30.8951, 70.8582, -120.5797

Protanomaly

26.9763, 35.1094, -98.8609

Deuteranomaly

26.2219, 27.9693, -82.1982

Tritanomaly

27.3519, 26.7070, -39.8736

Monochromacy



Original Color

30.8951, 70.8582, -120.5797

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

21.8214, 25.9354, -36.1272

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.8951, 70.8582, -120.5797 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(119, 1, 228)` looks like.

```
.text, #text, p{  
    color:rgb(119, 1, 228)  
}
```

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(119, 1, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 1, 228) }
```

Border

The CSS property to change the border of an element to HunterLab 30.8951, 70.8582, -120.5797 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(119, 1, 228) }
```


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

```
.border{ border-color:rgb(119, 1, 228) }
```

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

Here you see how a box with a 4 pixel rgb(119, 1, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 1, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 1, 228);  
box-shadow:4px 4px 4px 4px rgb(119, 1,  
228) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.8951, 70.8582, -120.5797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 1, 228) }
```

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

```
.background{ background-color: rgb(119, 1,  
228) }
```

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