

Converting Colors

HunterLab(40.6993, 72.4871,
-111.4753)

Have a look what the booklet for
HunterLab(40.6993, 72.4871,
-111.4753) contains.

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Color

**HunterLab(40.6893, 72.4708,
-111.5153)**

Conversions

Conversions Part 1

Format	Color
Hex	9B33FF
RGB	155, 51, 255
RGB Percent	61%, 20%, 100%
CMY	0.3921, 0.8000, 0.0000
CMYK	0.39, 0.80, 0.00, 0.00
HSL	271°, 100%, 60%
HSV	271°, 80%, 100%
XYZ	32.7514, 16.5562, 96.0771
YIQ	105.3520, -3.5000, 85.4920

Conversions

Conversions Part 2

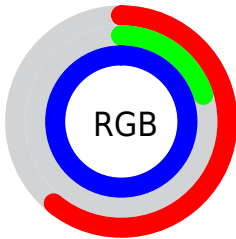
Format	Color
R _Y B	155, 51, 255
Decimal	10171391
CIE Lab	47.70, 75.99, -82.01
CIE LCh	48, 111.800, 312.817
Yxy	16.5567, 0.2253, 0.1139
Android (android.graphics.Color)	4288361471 (0xFF9B33FF)
YUV	105.3520, 73.7765, 43.5413
Hunter-Lab	40.6893, 72.4708, -111.5153

Details

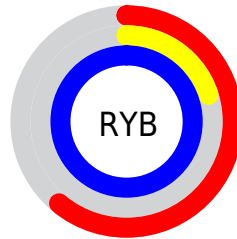
The HunterLab color **40.6893, 72.4708, -111.5153** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **88.5087, -55.8289, 51.4632**, and the grayscale version is **37.4492, -1.9982, 2.0347**.

A 20% lighter version of the original color is **57.4202, 60.9936, -61.2386**, and **25.2158, 59.1692, -107.6299** is the 20% darker color. If you saturate the color by 10%, you get **37.0572, 77.9729, -127.1688**, and if you desaturate by 10%, it is **45.5286, 64.2586, -94.0242**.

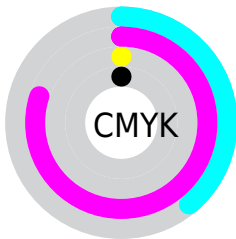
Distribution



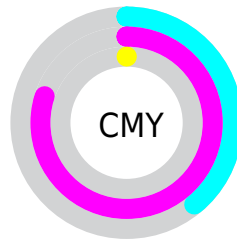
- Red (61%)
- Green (20%)
- Blue (100%)



- Red (61%)
- Yellow (20%)
- Blue (100%)



- Cyan (39%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6893, 72.4708, -111.5153 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 40.6893, 72.4708, -111.5153 by changing the saturation by 10% instead.

40.6893, 72.4708,
-111.5153

40.6893, 72.4708,
-111.5153

152.5138, 91.4926,
-114.3158

31.4943, 70.1128,
-114.3081

61.2878, 77.2403,
-109.7164

23.1198, 67.9676,
-119.7874

72.5936, 79.5401,
-109.7827

15.6563, 66.4669,
-130.7933

84.5199, 81.7564,
-110.1892

9.2307, 66.9494,
-155.6819

97.0362, 83.8829,
-110.8163

0.0000, INF, -NF

0.0000, NaN, -NF

110.1157, 85.9180,
-111.5867

0.0000, NaN, -NF

123.7352, 87.8630,

0.0000, NaN, -NF

-112.4486

137.8740, 89.7202,
-113.3666

■ 40.6893, 72.4708,
-111.5153

■ 40.6893, 72.4708,
-111.5153

■ 37.0572, 77.9729,
-127.1688

■ 45.5286, 64.2586,
-94.0242

■ 34.5923, 80.1114,
-139.4363

■ 51.4067, 54.5717,
-76.4841

■ 34.5923, 80.1114,
-139.4364

■ 58.1382, 44.3107,
-59.8819

■ 65.5607, 33.9776,
-44.5658

■ 73.5452, 23.8009,
-30.5352

■ 81.9933, 13.8580,
-17.6451

■ 90.8305, 4.1541,
-5.7136

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



40.6899, 18.2760, -179.3537



40.6893, 72.4708, -111.5153



40.6899, 113.8045, -29.3275

Triad

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



40.6899, 72.4716, -111.5131



40.6899, 25.8581, 28.4829



40.6899, -56.0757, -19.9036

Complementary

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



40.6893, 72.4708, -111.5153



88.5087, -55.8289, 51.4632

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.



40.6899, -55.4631, 19.5018



40.6893, 72.4708, -111.5153



40.6899, -19.2425, 28.4829

Square

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



40.6899, 72.4716, -111.5131



40.6899, 80.0050, 27.8463



40.6899, -45.0913, 28.4598



40.6899, -47.3962, -98.7372

Rectangle

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



40.6893, 72.4708, -111.5153



40.6899, 120.9607, 5.9636



40.6899, -45.0913, 28.4598



40.6899, -56.7910, -1.9284

Sweetspot

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



40.6899, 72.4716, -111.5131



78.5636, 17.8058, -22.6759



55.4133, 2.2622, -67.0415



34.9595, 9.8800, -12.6283

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.6899, 72.4716, -111.5131



35.4863, 79.5130, -134.8109



55.5407, 97.1583, -65.0695



42.2291, 1.7022, -2.3799



25.1829, 58.1068, -99.8529



8.2613, 18.5939, -29.1280

Inverse Universe

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



50.8546, 79.5178, -1.4041



48.0608, 84.4857, 4.9557



85.1251, -69.8675, 49.0491



42.5858, 2.5174, 1.1008



34.5144, 61.4351, 4.2543



10.8714, 19.5397, -0.1229

Previews

White Background



This preview shows how the HunterLab color 40.6893, 72.4708, -111.5153 looks on a white background.

Color Contrast Check

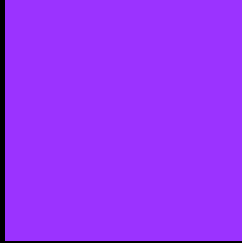
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 40.6893, 72.4708, -111.5153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

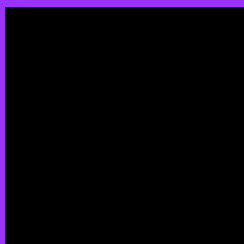
Any Text WCAG AA × Fail

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 40.6893, 72.4708, -111.5153 Background



This preview shows how black text looks on a background with the HunterLab color 40.6893, 72.4708, -111.5153.



This preview shows how white text looks on a background with the HunterLab color 40.6893, 72.4708, -111.5153.

-111.5153.

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

40.6893, 72.4708, -111.5153

Protanopia

40.8050, 14.9939, -83.3702

Deuteranopia

40.7606, 1.1634, -53.4587



Tritanopia

40.5237, 4.4904, 0.8744

Trichromacy



Original Color

40.6893, 72.4708, -111.5153



Protanomaly

37.4863, 32.9700, -105.4833



Deuteranomaly

36.8911, 23.7165, -84.5613



Tritanomaly

38.6326, 28.0352, -31.8119

Monochromacy



Original Color

40.6893, 72.4708, -111.5153



Achromatopsia

37.5850, -2.0054, 2.0421



Achromatomaly

36.3951, 23.4227, -31.3425

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6893, 72.4708, -111.5153 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(155, 51, 255)` looks like.

```
.text, #text, p{  
    color:rgb(155, 51, 255)  
}
```

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(155, 51, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 51, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6893, 72.4708, -111.5153 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(155, 51, 255) }
```


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

```
.border{ border-color:rgb(155, 51, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 51, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 51, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 51, 255); box-shadow:4px 4px 4px 4px rgb(155, 51, 255) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6893, 72.4708, -111.5153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 51, 255) }
```

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

```
.background{ background-color: rgb(155, 51,  
255) }
```

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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