

Converting Colors

HunterLab(40.0634, 71.4423,
-114.0730)

Have a look what the booklet for
HunterLab(40.0634, 71.4423,
-114.0730) contains.

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Color

**HunterLab(40.0895, 71.4853,
-113.9648)**

Conversions

Conversions Part 1

Format	Color
Hex	9633FF
RGB	150, 51, 255
RGB Percent	59%, 20%, 100%
CMY	0.4117, 0.8000, 0.0000
CMYK	0.41, 0.80, 0.00, 0.00
HSL	269°, 100%, 60%
HSV	269°, 80%, 100%
XYZ	31.8115, 16.0717, 96.0332
YIQ	103.8570, -6.4800, 84.4320

Conversions

Conversions Part 2

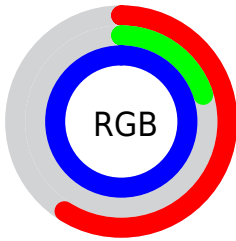
Format	Color
R _Y B	150, 51, 255
Decimal	9843711
CIE Lab	47.07, 75.31, -83.06
CIE LCh	47, 112.116, 312.196
Yxy	16.0721, 0.2210, 0.1117
Android (android.graphics.Color)	4288033791 (0xFF9633FF)
YUV	103.8570, 74.5135, 40.4674
Hunter-Lab	40.0895, 71.4853, -113.9648

Details

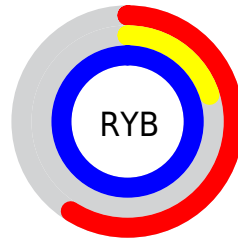
The HunterLab color **40.0895, 71.4853, -113.9648** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **88.7843, -54.7134, 51.6591**, and the grayscale version is **36.8818, -1.9679, 2.0039**.

A 20% lighter version of the original color is **56.7633, 59.4366, -62.8011**, and **24.6119, 58.5273, -111.0609** is the 20% darker color. If you saturate the color by 10%, you get **36.3938, 77.1014, -130.3523**, and if you desaturate by 10%, it is **45.0091, 63.2109, -95.7847**.

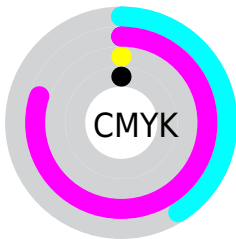
Distribution



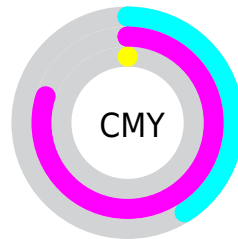
- Red (59%)
- Green (20%)
- Blue (100%)



- Red (59%)
- Yellow (20%)
- Blue (100%)



- Cyan (41%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0895, 71.4853, -113.9648 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 40.0895, 71.4853, -113.9648 by changing the saturation by 10% instead.

40.0895, 71.4853,
-113.9648

40.0895, 71.4853,
-113.9648

151.5806, 90.3947,
-116.2736

30.9438, 69.1393,
-117.0494

60.5998, 76.2330,
-111.8708

22.6235, 67.0110,
-123.0398

71.8655, 78.5212,
-111.8609

15.2210, 65.5479,
-135.0607

83.7539, 80.7253,
-112.2170

8.8463, 66.3811,
-162.8741

96.2339, 82.8390,
-112.8111

0.0000, INF, -NF

0.0000, NaN, -NF

109.2788, 84.8611,
-113.5609

0.0000, NaN, -NF

122.8650, 86.7926,

0.0000, NaN, -NF

-114.4112

136.9718, 88.6361,
-115.3243

■ 40.0895, 71.4853,
-113.9648

■ 40.0895, 71.4853,
-113.9648

■ 36.3938, 77.1014,
-130.3523

■ 45.0091, 63.2109,
-95.7847

■ 33.8924, 79.3438,
-143.2298

■ 50.9729, 53.5444,
-77.6978

■ 57.7888, 43.3785,
-60.6969

■ 65.2910, 33.1929,
-45.0990

■ 73.3500, 23.1953,
-30.8690

■ 81.8675, 13.4483,
-17.8350

■ 90.7694, 3.9481,
-5.7963

100.0000, -5.3357,
5.4332

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.



40.0900, 17.2311, -181.4098



40.0895, 71.4853, -113.9648



40.0900, 113.5630, -30.8222

Triad

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



40.0900, 71.4862, -113.9626



40.0900, 26.9707, 28.0630



40.0900, -55.6935, -18.6811

Complementary

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



40.0895, 71.4853, -113.9648



88.7843, -54.7134, 51.6591

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.



40.0900, -54.9210, 19.7537



40.0895, 71.4853, -113.9648



40.0900, -18.4156, 28.0630

Square

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



40.0900, 71.4862, -113.9626



40.0900, 81.1935, 27.4584



40.0900, -44.4532, 28.0630



40.0900, -47.3777, -97.4203

Rectangle

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



40.0895, 71.4853, -113.9648



40.0900, 121.3678, 5.1303



40.0900, -44.4532, 28.0630



40.0900, -56.3384, -1.0083

Sweetspot

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



40.0900, 71.4862, -113.9626



78.4107, 17.3164, -22.9179



56.4227, 0.5060, -64.6393



34.8773, 9.6213, -12.7644

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.0900, 71.4862, -113.9626



34.7980, 78.7050, -138.3757



54.9622, 96.1893, -66.5058



42.2023, 1.6115, -2.4161



24.6784, 57.5491, -102.5528



8.1098, 18.4175, -29.8698

Inverse Universe

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



51.0174, 80.1462, -3.7103



48.2333, 85.1179, 2.4902



85.1789, -69.6393, 49.0876



42.5948, 2.5657, 0.9724



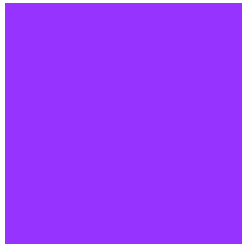
34.6394, 61.8904, 2.4657



10.9104, 19.6812, -0.6763

Previews

White Background



This preview shows how the HunterLab color 40.0895, 71.4853, -113.9648 looks on a white background.

Color Contrast Check

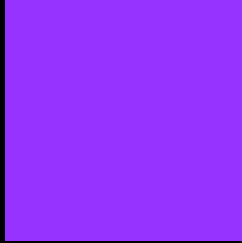
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.0895, 71.4853, -113.9648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

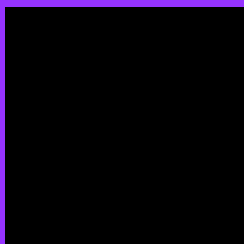
Any Text WCAG AA × Fail

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 40.0895, 71.4853, -113.9648 Background



This preview shows how black text looks on a background with the HunterLab color 40.0895, 71.4853, -113.9648.



This preview shows how white text looks on a background with the HunterLab color 40.0895, 71.4853, -113.9648.

-113.9648.

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

40.0895, 71.4853, -113.9648

Protanopia

40.3375, 14.4949, -81.7087

Deuteranopia

39.9684, 0.9205, -51.9442



Tritanopia

39.8849, 2.3567, 0.0562

Trichromacy



Original Color

40.0895, 71.4853, -113.9648



Protanomaly

37.0716, 32.7239, -104.7239



Deuteranomaly

36.4749, 23.4791, -83.8205



Tritanomaly

37.8843, 26.0008, -33.4168

Monochromacy



Original Color

40.0895, 71.4853, -113.9648



Achromatopsia

37.2064, -1.9852, 2.0215



Achromatomaly

36.1457, 22.6309, -31.1344

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0895, 71.4853, -113.9648 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(150, 51, 255)` looks like.

```
.text, #text, p{  
    color:rgb(150, 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(150, 51, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 51, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0895, 71.4853, -113.9648 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(150, 51, 255) }
```


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

```
.border{ border-color:rgb(150, 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(150, 51, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 51, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 51, 255);  
box-shadow:4px 4px 4px 4px rgb(150, 51,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0895, 71.4853, -113.9648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 51, 255) }
```

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

```
.background{ background-color: rgb(150, 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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