

Converting Colors

HunterLab(34.0397, 41.4784,
-93.5453)

Have a look what the booklet for
HunterLab(34.0397, 41.4784,
-93.5453) contains.

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Color

**HunterLab(33.9461, 41.7449,
-94.2028)**

Conversions

Conversions Part 1

Format	Color
Hex	5D44DA
RGB	93, 68, 218
RGB Percent	36%, 27%, 85%
CMY	0.6353, 0.7333, 0.1451
CMYK	0.57, 0.69, 0.00, 0.15
HSL	250°, 67%, 56%
HSV	250°, 69%, 85%
XYZ	19.2362, 11.5234, 67.5401
YIQ	92.5750, -33.2500, 51.9500

Conversions

Conversions Part 2

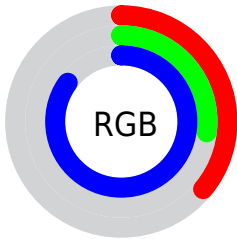
Format	Color
R_{YB}	93, 68, 218
Decimal	6112474
CIE _{Lab}	40.45, 50.25, -73.24
CIE _{LCh}	40, 88.823, 304.453
Yxy	11.5237, 0.1957, 0.1172
Android (android.graphics.Color)	4284302554 (0xFF5D44DA)
YUV	92.5750, 61.8345, 0.3727
Hunter-Lab	33.9461, 41.7449, -94.2028

Details

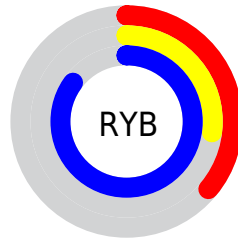
The HunterLab color **33.9461, 41.7449, -94.2028** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **78.6747, -28.5368, 43.8581**, and the grayscale version is **32.7150, -1.7456, 1.7775**.

A 20% lighter version of the original color is **52.0066, 38.9159, -75.1297**, and **17.5890, 38.1471, -103.7178** is the 20% darker color. If you saturate the color by 10%, you get **29.1908, 49.9896, -115.8618**, and if you desaturate by 10%, it is **39.6626, 33.5225, -74.1272**.

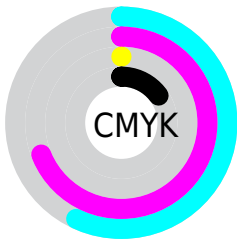
Distribution



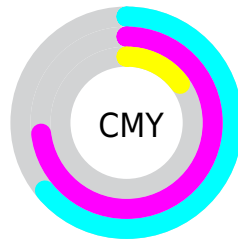
- Red (36%)
- Green (27%)
- Blue (85%)



- Red (36%)
- Yellow (27%)
- Blue (85%)



- Cyan (57%)
- Magenta (69%)
- Yellow (0%)
- Black (15%)



- Cyan (64%)
- Magenta (73%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.9461, 41.7449, -94.2028 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 33.9461, 41.7449, -94.2028 by changing the saturation by 10% instead.

■ 33.9461, 41.7449,
-94.2028

■ 33.9461, 41.7449,
-94.2028

141.8541, 54.5946,
-97.3211

■ 25.3382, 39.8185,
-97.0603

■ 53.5019, 45.3225,
-92.5858

■ 17.6132, 37.8810,
-103.1351

■ 64.3356, 46.9446,
-92.7409

■ 10.8874, 36.1912,
-116.7905

■ 75.8156, 48.4579,
-93.2118

■ 2.2291, 104.3704,
-378.1436

■ 87.9072, 49.8679,
-93.8774

0.0000, INF, -NF

0.0000, NaN, -NF

■ 100.5809, 51.1806,
-94.6624

0.0000, NaN, -NF

113.8112, 52.4023,

0.0000, NaN, -NF

-95.5180

0.0000, NaN, NaN

127.5756, 53.5385,
-96.4116

■ 33.9461, 41.7449,
-94.2028

■ 33.9461, 41.7449,
-94.2028

■ 29.1908, 49.9896,
-115.8618

■ 39.6626, 33.5225,
-74.1272

■ 25.6752, 56.9793,
-136.3529

■ 46.1040, 25.8268,
-56.4395

■ 23.5377, 61.1981,
-151.5062

■ 53.1003, 18.7471,
-41.0135

■ 23.3308, 61.6506,
-153.1075

■ 60.5331, 12.2144,
-27.4539

■ 68.3200, 6.1236,
-15.3574

■ 76.4026, 0.3757,
-4.3880

■ 84.7382, -5.1104,
5.7157

■ 93.2949, -10.3984,
15.1523

■ 98.9151, -11.3121,
20.9946

Harmonies

Analogous

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



33.9465, 3.2241, -128.9085



33.9461, 41.7449, -94.2028



33.9465, 75.8954, -35.5477

Triad

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



33.9465, 41.7464, -94.2016



33.9465, 29.8947, 23.7626



33.9465, -44.5867, -3.1485

Complementary

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



33.9461, 41.7449, -94.2028



78.6747, -28.5368, 43.8581

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.



33.9465, -42.0351, 18.8753



33.9461, 41.7449, -94.2028



33.9465, -6.5727, 23.7626

Square

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



33.9465, 41.7464, -94.2016



33.9465, 67.4244, 21.2826



33.9465, -30.6340, 23.7626



33.9465, -39.7382, -52.6380

Rectangle

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



33.9461, 41.7449, -94.2028



33.9465, 86.5387, -4.4788



33.9465, -30.6340, 23.7626



33.9465, -44.5442, 7.1511

Sweetspot

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



33.9465, 41.7464, -94.2016



79.3476, 9.0020, -21.6414



66.6566, -25.3087, -18.3691



35.5050, 5.0944, -11.8484

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



33.9465, 41.7464, -94.2016



32.5882, 64.1356, -150.9228



41.8581, 58.3928, -67.1382



35.6665, 0.3425, -2.3734



18.1453, 47.7869, -117.8284



4.9583, 12.4535, -27.5112

Inverse Universe

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



47.8432, 67.7718, -31.8515



53.0713, 92.1035, -41.1094



73.7645, -47.8140, 40.2206



36.3808, 2.6505, -0.5763



33.1038, 62.8194, -26.1135



8.4857, 16.2000, -7.4470

Previews

White Background



This preview shows how the HunterLab color 33.9461, 41.7449, -94.2028 looks on a white background.

Color Contrast Check

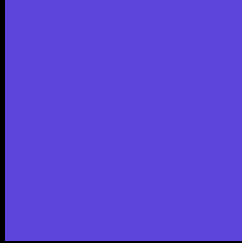
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.9461, 41.7449, -94.2028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

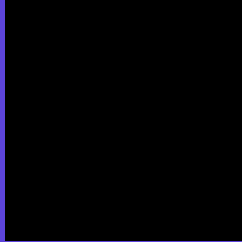
Any Text WCAG AA × Fail

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 33.9461, 41.7449, -94.2028 Background



This preview shows how black text looks on a background with the HunterLab color 33.9461, 41.7449, -94.2028.



This preview shows how white text looks on a background with the HunterLab color 33.9461, 41.7449, -94.2028.

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

33.9461, 41.7449, -94.2028

Protanopia

33.9184, 11.4400, -67.0907

Deuteranopia

33.8947, -0.0667, -42.2216



Tritanopia

33.9882, -11.7681, -5.4969

Trichromacy



Original Color

33.9461, 41.7449, -94.2028

Protanomaly

32.8494, 20.8353, -80.2462

Deuteranomaly

32.6485, 12.9827, -63.0078

Tritanomaly

32.6689, 5.1614, -32.1459

Monochromacy



Original Color

33.9461, 41.7449, -94.2028

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

32.4080, 10.8788, -23.8295

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.9461, 41.7449, -94.2028 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(93, 68, 218)` looks like.

```
.text, #text, p{  
    color:rgb(93, 68, 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(93, 68, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 68, 218) }
```

Border

The CSS property to change the border of an element to HunterLab 33.9461, 41.7449, -94.2028 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(93, 68, 218) }
```


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

```
.border{ border-color:rgb(93, 68, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 68, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 68, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 68, 218);  
box-shadow:4px 4px 4px 4px rgb(93, 68,  
218) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.9461, 41.7449, -94.2028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 68, 218) }
```

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

```
.background{ background-color: rgb(93, 68,  
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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