

Converting Colors

HunterLab(34.9423, 44.3777,
-138.2220)

Have a look what the booklet for
HunterLab(34.9423, 44.3777,
-138.2220) contains.

HunterLab(34.9224, 44.4370, -138.3248)	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(34.9224, 44.4370,
-138.3248)

Conversions

Conversions Part 1

Format	Color
Hex	0C4AFF
RGB	12, 74, 255
RGB Percent	5%, 29%, 100%
CMY	0.9527, 0.7098, 0.0000
CMYK	0.95, 0.71, 0.00, 0.00
HSL	225°, 100%, 52%
HSV	225°, 95%, 100%
XYZ	20.6504, 12.1957, 95.8734
YIQ	76.0960, -95.0530, 43.1470

Conversions

Conversions Part 2

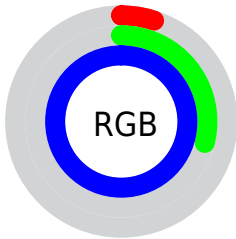
Format	Color
R _Y B	12, 61, 255
Decimal	805631
CIE Lab	41.53, 52.63, -92.51
CIE LCh	42, 106.436, 299.637
Yxy	12.1959, 0.1604, 0.0947
Android (android.graphics.Color)	4278995711 (0xFF0C4AFF)
YUV	76.0960, 88.1997, -56.2122
Hunter-Lab	34.9224, 44.4370, -138.3248

Details

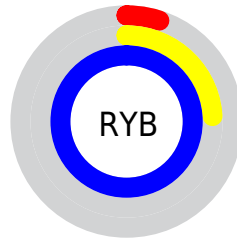
The HunterLab color **34.9224, 44.4370, -138.3248** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark saturated blue. A complement of this color would be **77.1092, 4.8616, 47.3303**, and the grayscale version is **26.6432, -1.4216, 1.4476**.

A 20% lighter version of the original color is **50.2369, 27.9334, -80.2120**, and **22.2705, 45.5241, -126.1096** is the 20% darker color. If you saturate the color by 10%, you get **33.1680, 49.2700, -147.8169**, and if you desaturate by 10%, it is **39.3091, 34.5043, -117.8709**.

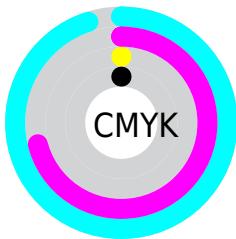
Distribution



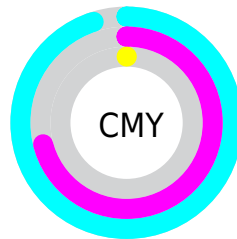
- Red (5%)
- Green (29%)
- Blue (100%)



- Red (5%)
- Yellow (24%)
- Blue (100%)



- Cyan (95%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)



- Cyan (95%)
- Magenta (71%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.9224, 44.4370, -138.3248 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 34.9224, 44.4370, -138.3248 by changing the saturation by 10% instead.

■ 34.9224, 44.4370,
-138.3248

■ 34.9224, 44.4370,
-138.3248

■ 143.4216, 57.8998,
-134.4193

■ 26.2244, 42.4591,
-145.0159

■ 54.6364, 48.1431,
-132.6441

■ 18.3995, 40.4819,
-157.5316

■ 65.5415, 49.8336,
-131.7015

■ 11.5590, 38.7715,
-183.3505

■ 77.0889, 51.4164,
-131.4260

■ 4.1098, 62.3498,
-360.0892

■ 89.2445, 52.8964,
-131.5912

0.0000, INF, -NF

0.0000, NaN, -NF

■ 101.9794, 54.2791,
-132.0537

0.0000, NaN, -NF

115.2683, 55.5703,

0.0000, NaN, -NF

-132.7189

0.0000, NaN, -NF

129.0889, 56.7755,
-133.5225

■ 34.9224, 44.4370,
-138.3248

■ 34.9224, 44.4370,
-138.3248

■ 33.1680, 49.2700,
-147.8169

■ 39.3091, 34.5043,
-117.8709

■ 44.5719, 25.7148,
-97.9330

■ 50.5510, 18.3310,
-79.4928

■ 57.1080, 12.2846,
-62.8178

■ 64.1343, 7.3871,
-47.8131

■ 71.5477, 3.4339,
-34.2519

■ 79.2863, 0.2439,
-21.8872

■ 87.3032, -2.3313,
-10.4957

■ 95.5623, -4.4092,
0.1100

Harmonies

Analogous

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



34.9226, -2.3477, -176.4258



34.9224, 44.4370, -138.3248



34.9226, 91.3622, -58.2877

Triad

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



34.9226, 44.4400, -138.3237



34.9226, 45.6762, 24.4458



34.9226, -50.0984, 2.3580

Complementary

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



34.9224, 44.4370, -138.3248



77.1092, 4.8616, 47.3303

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.



34.9226, -46.3260, 22.2863



34.9224, 44.4370, -138.3248



34.9226, -1.3802, 24.4458

Square

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



34.9226, 44.4400, -138.3237



34.9226, 92.2724, 22.1151



34.9226, -32.1530, 24.4458



34.9226, -46.5170, -56.4058

Rectangle

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



34.9224, 44.4370, -138.3248



34.9226, 109.3418, -13.8383



34.9226, -32.1530, 24.4458



34.9226, -49.6884, 12.5991

Sweetspot

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



34.9226, 44.4400, -138.3237



76.3628, 1.3555, -26.3777



86.7905, -58.8584, 19.0847



33.8065, 1.2675, -14.6608

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



34.9226, 44.4400, -138.3237



33.1680, 49.2700, -147.8169



29.5648, 72.7506, -170.2371



42.5796, -1.6576, -1.9887



24.3899, 34.3059, -104.5419



8.6336, 7.7856, -27.5981

Inverse Universe

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



46.9244, 79.9637, 22.1293



46.5207, 80.4885, 23.7002



91.4306, -44.4294, 55.3343



42.5006, 2.0600, 2.3144



33.6578, 58.2927, 16.6896



10.5820, 18.4827, 4.0421

Previews

White Background



This preview shows how the HunterLab color 34.9224, 44.4370, -138.3248 looks on a white background.

Color Contrast Check

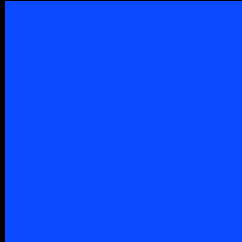
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.9224, 44.4370, -138.3248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

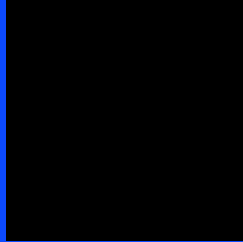
Any Text WCAG AA × Fail

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 34.9224, 44.4370, -138.3248 Background



This preview shows how black text looks on a background with the HunterLab color 34.9224, 44.4370, -138.3248.



This preview shows how white text looks on a background with the HunterLab color 34.9224, 44.4370, -138.3248.

-138.3248.

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

34.9224, 44.4370, -138.3248

Protanopia

34.4382, 12.2584, -69.5071

Deuteranopia

34.5565, -0.4251, -42.2749



Tritanopia

34.5216, -17.2727, -5.8621

Trichromacy



Original Color

34.9224, 44.4370, -138.3248

Protanomaly

34.2686, 23.5423, -93.2325

Deuteranomaly

34.1733, 14.4549, -73.4952

Tritanomaly

33.3289, 0.7183, -42.7756

Monochromacy



Original Color

34.9224, 44.4370, -138.3248

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

27.7707, 7.9130, -36.5494

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.9224, 44.4370, -138.3248 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(12, 74, 255)` looks like.

```
.text, #text, p{  
    color:rgb(12, 74, 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(12, 74, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 74, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 34.9224, 44.4370, -138.3248 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(12, 74, 255) }
```


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

```
.border{ border-color:rgb(12, 74, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 74, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 74, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 74, 255);  
box-shadow:4px 4px 4px 4px rgb(12, 74,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.9224, 44.4370, -138.3248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 74, 255) }
```

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

```
.background{ background-color: rgb(12, 74,  
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](#).

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