

Converting Colors

HunterLab(34.8404, 47.1453,
-138.7057)

Have a look what the booklet for
HunterLab(34.8404, 47.1453,
-138.7057) contains.

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Color

HunterLab(34.8404, 47.1453,
-138.7057)

Conversions

Conversions Part 1

Format	Color
Hex	2647FF
RGB	38, 71, 255
RGB Percent	15%, 28%, 100%
CMY	0.8509, 0.7216, 0.0000
CMYK	0.85, 0.72, 0.00, 0.00
HSL	231°, 100%, 57%
HSV	231°, 85%, 100%
XYZ	21.1025, 12.1385, 95.8384
YIQ	82.1090, -78.7320, 50.2280

Conversions

Conversions Part 2

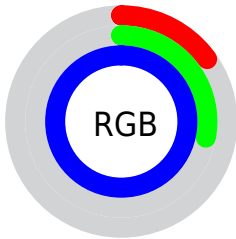
Format	Color
RYB	38, 67, 255
Decimal	2508799
CIELab	41.44, 55.20, -92.64
CIELCh	41, 107.842, 300.787
Yxy	12.1387, 0.1635, 0.0940
Android (android.graphics.Color)	4280698879 (0xFF2647FF)
YUV	82.1090, 85.2353, -38.6836
Hunter-Lab	34.8404, 47.1453, -138.7057

Details

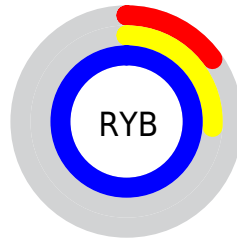
The HunterLab color **34.8404, 47.1453, -138.7057** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **85.8241, -9.3476, 51.4525**, and the grayscale version is **28.8103, -1.5372, 1.5653**.

A 20% lighter version of the original color is **50.3293, 30.7064, -79.9017**, and **21.8403, 47.1658, -129.1159** is the 20% darker color. If you saturate the color by 10%, you get **30.8705, 57.7064, -161.6713**, and if you desaturate by 10%, it is **40.0708, 36.8533, -114.6479**.

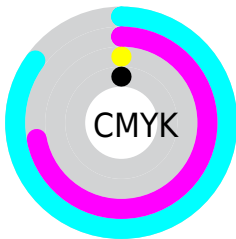
Distribution



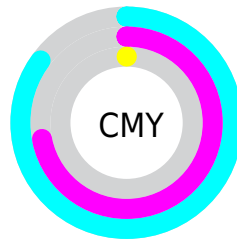
- Red (15%)
- Green (28%)
- Blue (100%)



- Red (15%)
- Yellow (26%)
- Blue (100%)



- Cyan (85%)
- Magenta (72%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (72%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.8404, 47.1453, -138.7057 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 34.8404, 47.1453, -138.7057 by changing the saturation by 10% instead.

■ 34.8404, 47.1453,
-138.7057

■ 34.8404, 47.1453,
-138.7057

■ 143.2903, 61.3558,
-134.6792

■ 26.1499, 45.1086,
-145.4680

■ 54.5412, 51.0068,
-132.9561

■ 18.3333, 43.1060,
-158.1174

■ 65.4404, 52.7820,
-131.9958

■ 11.5023, 41.4520,
-184.2377

■ 76.9821, 54.4508,
-131.7081

■ 3.9867, 68.4301,
-371.1738

■ 89.1324, 56.0169,
-131.8649

0.0000, INF, -NF

0.0000, NaN, -NF

■ 101.8622, 57.4851,
-132.3217

0.0000, NaN, -NF

115.1462, 58.8608,

0.0000, NaN, -NF

-132.9829

0.0000, NaN, -NF

128.9621, 60.1494,
-133.7839

■ 34.8404, 47.1453,
-138.7057

■ 34.8404, 47.1453,
-138.7057

■ 30.8705, 57.7064,
-161.6713

■ 40.0708, 36.8533,
-114.6479

■ 29.4188, 62.3887,
-171.4503

■ 46.2986, 27.7676,
-92.1397

■ 53.2964, 20.0819,
-72.0545

■ 60.8935, 13.6532,
-54.3551

■ 68.9674, 8.2533,
-38.6907

■ 77.4307, 3.6664,
-24.6661

■ 86.2204, -0.2842,
-11.9339

■ 95.2898, -3.7361,
-0.2139

■ 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.



34.8406, -0.7933, -180.6268



34.8404, 47.1453, -138.7057



34.8406, 94.4428, -56.4052

Triad

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



34.8406, 47.1484, -138.7047



34.8406, 44.4226, 24.3884



34.8406, -50.3417, 0.8718

Complementary

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



34.8404, 47.1453, -138.7057



85.8241, -9.3476, 51.4525

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.



34.8406, -46.8972, 22.0755



34.8404, 47.1453, -138.7057



34.8406, -2.9157, 24.3884

Square

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



34.8406, 47.1484, -138.7047



34.8406, 92.4300, 22.4384



34.8406, -33.2388, 24.3884



34.8406, -46.4856, -60.5759

Rectangle

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



34.8404, 47.1453, -138.7057



34.8406, 111.8742, -12.0387



34.8406, -33.2388, 24.3884



34.8406, -50.0234, 11.7291

Sweetspot

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



34.8406, 47.1484, -138.7047



76.6445, 4.0560, -25.8868



87.7716, -53.2884, 7.9564



34.0895, 2.5843, -14.1686

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



34.8406, 47.1484, -138.7047



29.4188, 62.3887, -171.4503



34.5621, 69.7578, -139.7779



42.2175, -1.0482, -2.4430



21.5741, 43.9280, -121.7936



7.6002, 10.7371, -32.6779

Inverse Universe

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



48.0653, 75.8389, 23.5925



46.2654, 79.5439, 27.4690



90.3812, -48.4348, 53.6402



42.4642, 1.8637, 2.8350



33.4632, 57.5727, 19.5610



10.5017, 18.1866, 5.2189

Previews

White Background



This preview shows how the HunterLab color 34.8404, 47.1453, -138.7057 looks on a white background.

Color Contrast Check

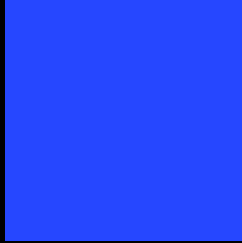
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.8404, 47.1453, -138.7057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

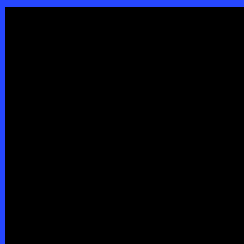
Any Text WCAG AA × Fail

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 34.8404, 47.1453, -138.7057 Background



This preview shows how black text looks on a background with the HunterLab color 34.8404, 47.1453, -138.7057.



This preview shows how white text looks on a background with the HunterLab color 34.8404, 47.1453, -138.7057.

-138.7057.

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

34.8404, 47.1453, -138.7057

Protanopia

34.3718, 11.9214, -68.6968

Deuteranopia

34.2253, -0.2458, -42.2480



Tritanopia

34.2164, -16.9011, -6.2829

Trichromacy



Original Color

34.8404, 47.1453, -138.7057

Protanomaly

34.0589, 24.0103, -92.8690

Deuteranomaly

33.7070, 15.4814, -74.0015

Tritanomaly

32.8867, 2.0192, -43.8767

Monochromacy



Original Color

34.8404, 47.1453, -138.7057

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

29.4132, 9.7115, -35.7041

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.8404, 47.1453, -138.7057 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(38, 71, 255)` looks like.

```
.text, #text, p{  
    color:rgb(38, 71, 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(38, 71, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 71, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 34.8404, 47.1453, -138.7057 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(38, 71, 255) }
```


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

```
.border{ border-color:rgb(38, 71, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 71, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 71, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 71, 255);  
box-shadow:4px 4px 4px 4px rgb(38, 71,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.8404, 47.1453, -138.7057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 71, 255) }
```

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

```
.background{ background-color: rgb(38, 71,  
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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