

Converting Colors

HunterLab(31.7617, 48.8724,
-146.1955)

Have a look what the booklet for
HunterLab(31.7617, 48.8724,
-146.1955) contains.

HunterLab(31.9015, 49.1839, -146.0480)	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>	30

Color

**HunterLab(31.9015, 49.1839,
-146.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	003DF9
RGB	0, 61, 249
RGB Percent	0%, 24%, 98%
CMY	0.9997, 0.7608, 0.0235
CMYK	1.00, 0.76, 0.00, 0.02
HSL	225°, 100%, 49%
HSV	225°, 100%, 98%
XYZ	18.7676, 10.1771, 90.5978
YIQ	64.1930, -96.7040, 45.5360

Conversions

Conversions Part 2

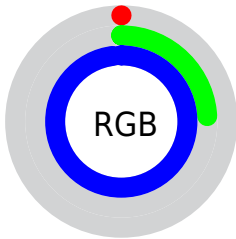
Format	Color
RYB	0, 49, 249
Decimal	15865
CIELab	38.16, 57.72, -94.74
CIELCh	38, 110.934, 301.353
Yxy	10.1771, 0.1570, 0.0851
Android (android.graphics.Color)	4278205945 (0xFF003DF9)
YUV	64.1930, 91.1099, -56.2973
Hunter-Lab	31.9015, 49.1839, -146.0480

Details

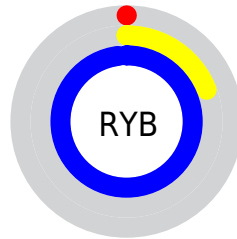
The HunterLab color **31.9015, 49.1839, -146.0480** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **74.9261, 4.8330, 46.2521**, and the grayscale version is **22.4338, -1.1970, 1.2189**.

A 20% lighter version of the original color is **46.9945, 34.8555, -89.7925**, and **20.2564, 48.9244, -130.9325** is the 20% darker color. If you saturate the color by 10%, you get **31.8918, 49.2159, -146.1050**, and if you desaturate by 10%, it is **35.7132, 39.2314, -126.0964**.

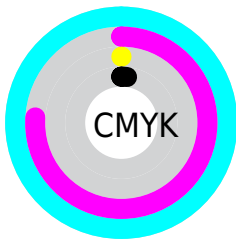
Distribution



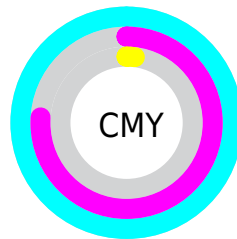
- Red (0%)
- Green (24%)
- Blue (98%)



- Red (0%)
- Yellow (19%)
- Blue (98%)



- Cyan (100%)
- Magenta (76%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (76%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.9015, 49.1839, -146.0480 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 31.9015, 49.1839, -146.0480 by changing the saturation by 10% instead.

■ 31.9015, 49.1839,
-146.0480

■ 31.9015, 49.1839,
-146.0480

■ 138.5394, 64.3727,
-138.6576

■ 23.4874, 47.1012,
-154.9620

■ 51.1157, 53.2418,
-138.3362

■ 15.9794, 45.1625,
-171.9242

■ 61.7960, 55.1305,
-136.8932

■ 9.5043, 43.9144,
-208.7542

■ 73.1311, 56.9148,
-136.2823

0.0000, INF, -NF

■ 85.0854, 58.5957,
-136.2180

0.0000, NaN, -NF

■ 97.6282, 60.1771,
-136.5220

0.0000, NaN, -NF

■ 110.7332, 61.6637,

0.0000, NaN, -NF

-137.0783

124.3771, 63.0606,
-137.8083

■ 31.9015, 49.1839,
-146.0480

■ 31.9015, 49.1839,
-146.0480

■ 31.8918, 49.2159,
-146.1050

■ 35.7132, 39.2314,
-126.0964

■ 40.4525, 29.9600,
-105.9065

■ 45.9843, 21.9768,
-86.8356

■ 52.1542, 15.3544,
-69.4793

■ 58.8377, 9.9503,
-53.8822

■ 65.9400, 5.5633,
-39.8553

■ 73.3901, 2.0010,
-27.1465

■ 81.1346, -0.8982,
-15.5139

■ 89.1331, -3.2642,
-4.7496

Harmonies

Analogous

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



31.9016, 0.1380, -193.3004



31.9015, 49.1839, -146.0480



31.9016, 98.1765, -57.3008

Triad

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



31.9016, 49.1875, -146.0478



31.9016, 44.3560, 22.3312



31.9016, -47.9994, -0.0452

Complementary

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



31.9015, 49.1839, -146.0480



74.9261, 4.8330, 46.2521

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.



31.9016, -45.1050, 20.6931



31.9015, 49.1839, -146.0480



31.9016, -3.5049, 22.3312

Square

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



31.9016, 49.1875, -146.0478



31.9016, 94.5480, 21.2824



31.9016, -32.7425, 22.3312



31.9016, -44.4740, -64.9250

Rectangle

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



31.9015, 49.1839, -146.0480



31.9016, 116.0303, -11.3882



31.9016, -32.7425, 22.3312



31.9016, -47.7612, 10.9186

Sweetspot

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



31.9016, 49.1875, -146.0478



75.3512, 2.0780, -27.9745



84.4572, -57.2966, 18.1259



33.3480, 1.6346, -15.4253

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



31.9016, 49.1875, -146.0478



32.7261, 50.6982, -150.3477



28.0627, 72.4156, -170.7926



41.6328, -1.5649, -1.9804



23.7265, 34.7414, -104.6526



8.2469, 7.6067, -26.7286

Inverse Universe

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



45.2529, 78.2325, 23.4706



46.4891, 80.3718, 24.1655



88.4802, -45.2690, 53.7272



41.5871, 1.9874, 2.3152



33.1349, 57.3441, 16.7624



10.1631, 17.7434, 3.9413

Previews

White Background



This preview shows how the HunterLab color 31.9015, 49.1839, -146.0480 looks on a white background.

Color Contrast Check

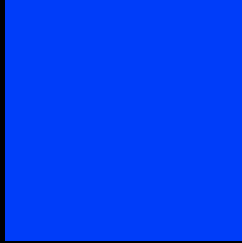
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.9015, 49.1839, -146.0480 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 31.9015, 49.1839, -146.0480 Background



This preview shows how black text looks on a background with the HunterLab color 31.9015, 49.1839, -146.0480.



This preview shows how white text looks on a background with the HunterLab color 31.9015, 49.1839, -146.0480.

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

31.9015, 49.1839, -146.0480

Protanopia

31.6098, 10.5735, -62.3347

Deuteranopia

31.6028, -0.7437, -37.8953

Trichromacy



Original Color

31.9015, 49.1839, -146.0480

Protanomaly

31.2474, 24.1176, -91.1196

Deuteranomaly

30.9176, 15.9126, -72.9950

Monochromacy



Original Color

31.9015, 49.1839, -146.0480

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

23.8015, 9.2593, -38.6605

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.9015, 49.1839, -146.0480 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(0, 61, 249)` looks like.

```
.text, #text, p{  
    color:rgb(0, 61, 249)  
}
```

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(0, 61, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 61, 249) }
```

Border

The CSS property to change the border of an element to HunterLab 31.9015, 49.1839, -146.0480 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(0, 61, 249) }
```

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

```
.border{ border-color:rgb(0, 61, 249) }
```

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

Here you see how a box with a 4 pixel rgb(0, 61, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 61, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 61, 249);  
box-shadow:4px 4px 4px 4px rgb(0, 61, 249)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 31.9015, 49.1839, -146.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 61, 249) }
```

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

```
.background{ background-color: rgb(0, 61,  
249) }
```

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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