

Converting Colors

HunterLab(41.7474, -38.7562,
-88.5644)

Have a look what the booklet for
HunterLab(41.7474, -38.7562,
-88.5644) contains.

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Color

**HunterLab(51.3471, -1.5185,
-60.9015)**

Conversions

Conversions Part 1

Format	Color
Hex	0091ED
RGB	0, 145, 237
RGB Percent	0%, 57%, 93%
CMY	0.9998, 0.4314, 0.0706
CMYK	1.00, 0.39, 0.00, 0.07
HSL	203°, 100%, 46%
HSV	203°, 100%, 93%
XYZ	25.4115, 26.3652, 83.8705
YIQ	112.1330, -115.9520, -2.1280

Conversions

Conversions Part 2

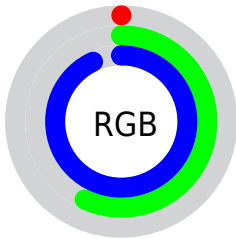
Format	Color
RYB	0, 90, 237
Decimal	37357
CIELab	58.38, 1.50, -55.09
CIELCh	58, 55.110, 271.556
Yxy	26.3660, 0.1873, 0.1944
Android (android.graphics.Color)	4278227437 (0xFF0091ED)
YUV	112.1330, 61.5594, -98.3406
Hunter-Lab	51.3471, -1.5185, -60.9015

Details

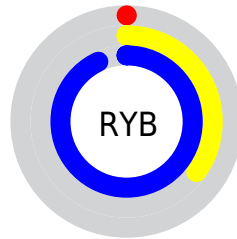
The HunterLab color **51.3471, -1.5185, -60.9015** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **50.6656, 47.8846, 32.0561**, and the grayscale version is **40.1148, -2.1404, 2.1795**.

A 20% lighter version of the original color is **71.2278, -13.6121, -35.0996**, and **33.8817, 5.6677, -54.5842** is the 20% darker color. If you saturate the color by 10%, you get **51.3402, -1.5065, -60.9187**, and if you desaturate by 10%, it is **54.2994, -5.4557, -54.1218**.

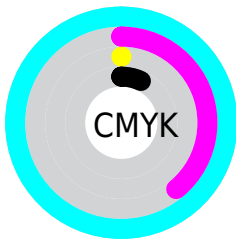
Distribution



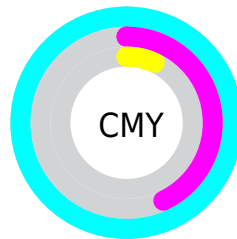
- Red (0%)
- Green (57%)
- Blue (93%)



- Red (0%)
- Yellow (35%)
- Blue (93%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (43%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.3471, -1.5185, -60.9015 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 51.3471, -1.5185, -60.9015 by changing the saturation by 10% instead.

■ 51.3471, -1.5185,
-60.9015

■ 51.3471, -1.5185,
-60.9015

■ 168.6933, -7.1934,
-67.4650

■ 41.3493, -1.0679,
-60.4784

■ 73.3927, -2.5413,
-62.2528

■ 32.1001, -0.6651,
-60.4424

■ 85.3605, -3.1098,
-63.0287

■ 23.6666, -0.3147,
-61.1654

■ 97.9162, -3.7130,
-63.8185

■ 16.1371, -0.0244,
-63.5152

■ 111.0335, -4.3491,
-64.6015

■ 9.6370, 0.1934,
-69.9829

■ 124.6892, -5.0165,
-65.3646

0.0000, NaN, -NF

0.0000, NaN, -NF

138.8630, -5.7138,

-66.0994

0.0000, NaN, -NF

153.5365, -6.4398,
-66.8006

0.0000, NaN, -NF

■ 51.3471, -1.5185,
-60.9015

■ 51.3471, -1.5185,
-60.9015

■ 51.3402, -1.5065,
-60.9187

■ 54.2994, -5.4557,
-54.1218

■ 57.5054, -8.6011,
-47.3239

■ 60.9897, -10.8370,
-40.4967

■ 64.7445, -12.1750,
-33.6893

■ 68.7554, -12.6646,
-26.9463

■ 73.0049, -12.3744,
-20.3009

■ 77.4751, -11.3800,
-13.7746

■ 82.1485, -9.7569,
-7.3783

■ 87.0084, -7.5762,
-1.1155

Harmonies

Analogous

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



51.3479, -22.4355, -50.7653



51.3471, -1.5185, -60.9015



51.3479, 22.9447, -48.5816

Triad

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



51.3479, -1.5174, -60.9003



51.3479, 41.4182, 20.5064



51.3479, -36.5730, 19.2675

Complementary

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



51.3471, -1.5185, -60.9015



50.6656, 47.8846, 32.0561

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.



51.3479, -24.2003, 27.5031



51.3471, -1.5185, -60.9015



51.3479, 20.4540, 27.9606

Square

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



51.3479, -1.5174, -60.9003



51.3479, 50.3214, 3.9415



51.3479, -3.9563, 29.7904



51.3479, -40.3746, 1.6214

Rectangle

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



51.3471, -1.5185, -60.9015



51.3479, 37.3905, -31.5061



51.3479, -3.9563, 29.7904



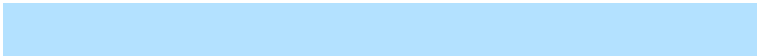
51.3479, -33.4024, 22.8982

Sweetspot

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



51.3479, -1.5174, -60.9003



84.1159, -12.3869, -15.0703



78.3088, -63.7137, 39.6633



37.9523, -5.9811, -8.3537

0.0000, NaN, NaN



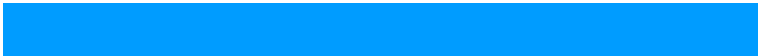
46.2646, -2.4686, 2.5136

Same Dimension

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



51.3479, -1.5174, -60.9003



55.6710, -1.4383, -66.4790



26.3278, 60.3392, -163.1537



40.1034, -3.4241, -0.3667



38.2790, -1.6908, -44.1954



11.5604, -1.8180, -10.5249

Inverse Universe

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



44.7777, 81.2408, -6.4566



48.6414, 88.2335, -6.8137



79.8634, -10.5427, 49.0256



38.9986, 2.4805, 0.4368



33.1240, 60.1741, -5.3258



9.3826, 17.2238, -2.8970

Previews

White Background



This preview shows how the HunterLab color 51.3471, -1.5185, -60.9015 looks on a white background.

Color Contrast Check

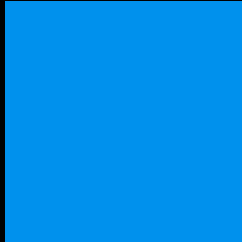
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 51.3471, -1.5185, -60.9015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

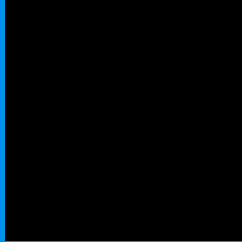
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

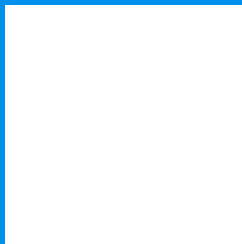
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 51.3471, -1.5185, -60.9015 Background



This preview shows how black text looks on a background with the HunterLab color 51.3471, -1.5185, -60.9015.



This preview shows how white text looks on a background with the HunterLab color 51.3471, -1.5185, -60.9015.

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

51.3471, -1.5185, -60.9015

Protanopia

51.3549, 9.4260, -53.7731

Deuteranopia

51.3966, 4.7723, -61.5578



Tritanopia

51.1819, -24.6847, -10.6856

Trichromacy



Original Color

51.3471, -1.5185, -60.9015

Protanomaly

50.7013, 3.2439, -57.9778

Deuteranomaly

51.0222, 2.0280, -62.5213

Tritanomaly

50.9303, -16.9959, -26.9692

Monochromacy



Original Color

51.3471, -1.5185, -60.9015

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

42.6488, -8.1220, -18.2069

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3471, -1.5185, -60.9015 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, 145, 237)` looks like.

```
.text, #text, p{  
    color:rgb(0, 145, 237)  
}
```

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, 145, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 145, 237) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3471, -1.5185, -60.9015 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, 145, 237) }
```


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

```
.border{ border-color:rgb(0, 145, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 145, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 145, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 145, 237); box-shadow:4px 4px 4px 4px rgb(0, 145, 237) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.3471, -1.5185, -60.9015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 145, 237) }
```

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

```
.background{ background-color: rgb(0, 145,  
237) }
```

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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