

Converting Colors

HunterLab(46.3253, -11.0110,
-141.5248)

Have a look what the booklet for
HunterLab(46.3253, -11.0110,
-141.5248) contains.

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Color

**HunterLab(52.4126, 4.2341,
-74.6513)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 0091FF |
| RGB | 0, 145, 255 |
| RGB Percent | 0%, 57%, 100% |
| CMY | 0.9997, 0.4314, 0.0000 |
| CMYK | 1.00, 0.43, 0.00, 0.00 |
| HSL | 206°, 100%, 50% |
| HSV | 206°, 100%, 100% |
| XYZ | 28.1754, 27.4708, 98.4251 |
| YIQ | 114.1850, -121.7300, 3.4700 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|---------------------------------|
| R _{YB} | 0, 92, 255 |
| Decimal | 37375 |
| CIE _{Lab} | 59.41, 8.35, -63.37 |
| CIE _{LCh} | 59, 63.914, 277.511 |
| Y _{xy} | 27.4715, 0.1829, 0.1783 |
| Android (android.graphics.Color) | 4278227455 (0xFF0091FF) |
| YUV | 114.1850, 69.4218, -100.1402 |
| Hunter-Lab | 52.4126, 4.2341, -74.6513 |

Details

The HunterLab color **52.4126, 4.2341, -74.6513** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle saturated azure. A complement of this color would be **56.9461, 47.1180, 35.9125**, and the grayscale version is **40.8760, -2.1810, 2.2209**.

A 20% lighter version of the original color is **71.4513, -12.8050, -34.7013**, and **35.2093, 10.6820, -67.0679** is the 20% darker color. If you saturate the color by 10%, you get **52.4031, 4.2512, -74.6764**, and if you desaturate by 10%, it is **55.8681, -0.7858, -65.9906**.

Distribution



- Red (0%)
- Green (57%)
- Blue (100%)



- Red (0%)
- Yellow (36%)
- Blue (100%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.4126, 4.2341, -74.6513 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 52.4126, 4.2341, -74.6513 by changing the saturation by 10% instead.

■ 52.4126, 4.2341,
-74.6513

■ 52.4126, 4.2341,
-74.6513

170.2742, 1.1804,
-81.4898

■ 42.3411, 4.3158,
-74.5102

■ 74.5920, 3.8866,
-75.7770

■ 33.0122, 4.3225,
-74.9595

■ 86.6214, 3.6304,
-76.5415

■ 24.4915, 4.2432,
-76.5133

■ 99.2358, 3.3258,
-77.3617

■ 16.8644, 4.0598,
-80.3452

■ 112.4093, 2.9762,
-78.2055

■ 10.2512, 3.7441,
-89.7269

■ 126.1191, 2.5845,
-79.0519

0.0000, INF, -NF

0.0000, NaN, -NF

140.3449, 2.1532,

-79.8872

0.0000, NaN, -NF

155.0687, 1.6846,
-80.7019

0.0000, NaN, -NF

■ 52.4126, 4.2341,
-74.6513

■ 52.4126, 4.2341,
-74.6513

■ 52.4031, 4.2512,
-74.6764

■ 55.8681, -0.7858,
-65.9906

■ 59.6372, -4.8768,
-57.3942

■ 63.7380, -7.9244,
-48.8692

■ 68.1546, -9.9545,
-40.4802

■ 72.8650, -11.0362,
-32.2762

■ 77.8451, -11.2575,
-24.2864

■ 83.0714, -10.7115,
-16.5230

■ 88.5220, -9.4879,
-8.9853

■ 94.1768, -7.6690,
-1.6642

Harmonies

Analogous

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



52.4133, -21.3934, -67.3661



52.4126, 4.2341, -74.6513



52.4133, 33.1197, -54.1726

Triad

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



52.4133, 4.2353, -74.6494



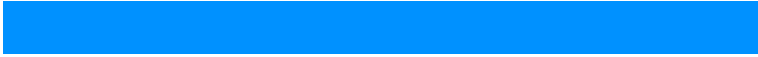
52.4133, 45.6397, 25.0505



52.4133, -42.9950, 18.5764

Complementary

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



52.4126, 4.2341, -74.6513



56.9461, 47.1180, 35.9125

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.



52.4133, -31.0695, 29.0073



52.4126, 4.2341, -74.6513



52.4133, 18.8130, 31.1881

Square

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



52.4133, 4.2353, -74.6494



52.4133, 60.0056, 8.9657



52.4133, -9.4817, 32.1313



52.4133, -45.3268, -4.0979

Rectangle

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



52.4126, 4.2341, -74.6513



52.4133, 49.1928, -31.6516



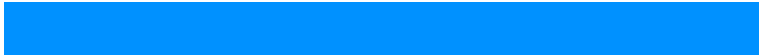
52.4133, -9.4817, 32.1313



52.4133, -40.1137, 23.2022

Sweetspot

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



52.4133, 4.2353, -74.6494



83.0551, -10.7142, -16.5463



85.1864, -68.6591, 41.7429



37.3926, -5.1035, -9.1567

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



52.4133, 4.2353, -74.6494



52.4031, 4.2512, -74.6764



27.8724, 68.5804, -182.8735



43.6943, -3.5028, -0.6148



38.2771, 2.3634, -52.9449



12.8209, -0.7658, -14.3720

Inverse Universe

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



48.2763, 86.9003, -1.6309



48.2735, 86.9026, -1.6178



89.4244, -15.5801, 54.8287



42.6147, 2.6724, 0.6893



34.9386, 62.9766, -1.7891



11.0022, 20.0128, -1.9693

Previews

White Background



This preview shows how the HunterLab color 52.4126, 4.2341, -74.6513 looks on a white background.

Color Contrast Check

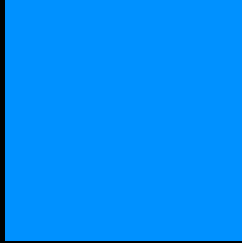
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.4126, 4.2341, -74.6513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

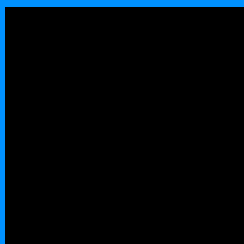
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

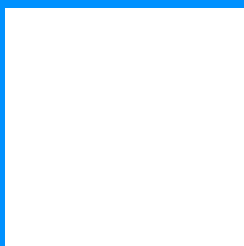
Any Text WCAG AAA × Fail

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

HunterLab 52.4126, 4.2341, -74.6513 Background



This preview shows how black text looks on a background with the HunterLab color 52.4126, 4.2341, -74.6513.



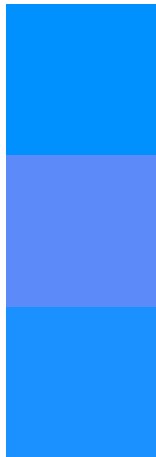
This preview shows how white text looks on a background with the HunterLab color 52.4126, 4.2341, -74.6513.

-74.6513.

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

52.4126, 4.2341, -74.6513

Protanopia

52.2416, 13.1353, -69.2934

Deuteranopia

52.6217, 4.9320, -74.0850



Tritanopia

52.2669, -25.2529, -10.8153

Trichromacy



Original Color

52.4126, 4.2341, -74.6513

Protanomaly

51.9082, 7.9945, -72.1202

Deuteranomaly

52.5262, 4.6135, -74.3433

Tritanomaly

51.9159, -15.8419, -30.6921

Monochromacy



Original Color

52.4126, 4.2341, -74.6513

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

43.3593, -6.4175, -22.0707

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.4126, 4.2341, -74.6513 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 145, 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(0, 145, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 145, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 52.4126, 4.2341, -74.6513 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, 255) }
```


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

```
.border{ border-color:rgb(0, 145, 255) }
```

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, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 145, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 145, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 145,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.4126, 4.2341, -74.6513 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, 255) }
```

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

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