

Converting Colors

HunterLab(76.5007, -15.2942,
-16.6929)

Have a look what the booklet for
HunterLab(76.5007, -15.2942,
-16.6929) contains.

HunterLab(76.5644, -15.4624, -16.3290)	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(76.5644,
-15.4624, -16.3290)**

Conversions

Conversions Part 1

Format	Color
Hex	94D2EF
RGB	148, 210, 239
RGB Percent	58%, 82%, 94%
CMY	0.4196, 0.1765, 0.0627
CMYK	0.38, 0.12, 0.00, 0.06
HSL	199°, 74%, 76%
HSV	199°, 38%, 94%
XYZ	50.8393, 58.6211, 90.2968
YIQ	194.7680, -46.2610, -4.1250

Conversions

Conversions Part 2

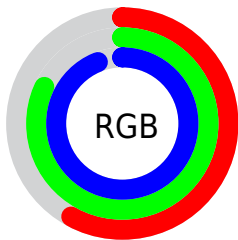
Format	Color
R _Y B	148, 185, 239
Decimal	9753327
CIE Lab	81.08, -12.59, -20.52
CIE LCh	81, 24.071, 238.470
Yxy	58.6234, 0.2545, 0.2935
Android (android.graphics.Color)	4287943407 (0xFF94D2EF)
YUV	194.7680, 21.8064, -41.0155
Hunter-Lab	76.5644, -15.4624, -16.3290

Details

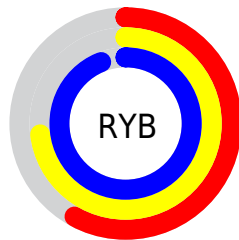
The HunterLab color **76.5644, -15.4624, -16.3290** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.0653, 14.2406, 21.6039**, and the grayscale version is **73.7008, -3.9325, 4.0043**.

A 20% lighter version of the original color is **95.7701, -20.3790, 0.0859**, and **54.3351, -13.1216, -15.6338** is the 20% darker color. If you saturate the color by 10%, you get **72.7654, -16.6587, -21.9932**, and if you desaturate by 10%, it is **80.5839, -13.5543, -10.6653**.

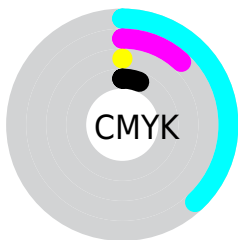
Distribution



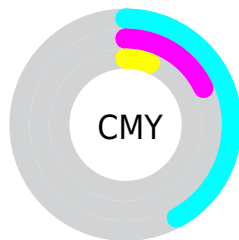
- Red (58%)
- Green (82%)
- Blue (94%)



- Red (58%)
- Yellow (73%)
- Blue (94%)



- Cyan (38%)
- Magenta (12%)
- Yellow (0%)
- Black (6%)



- Cyan (42%)
- Magenta (18%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.5644, -15.4624, -16.3290 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 76.5644, -15.4624, -16.3290 by changing the saturation by 10% instead.

■ 76.5644, -15.4624,
-16.3290

■ 76.5644, -15.4624,
-16.3290

204.8181,
-26.9600, -15.7221

■ 65.0461, -14.2085,
-16.1337

■ 101.4052,
-17.9714, -16.5387

■ 54.1702, -12.9482,
-15.8767

■ 114.6700,
-19.2309, -16.5622

■ 43.9787, -11.6754,
-15.5541

128.4676,
-20.4968, -16.5350

■ 34.5212, -10.3808,
-15.1660

142.7781,
-21.7703, -16.4596

■ 25.8598, -9.0491,
-14.7193

157.5838,
-23.0526, -16.3386

■ 18.0757, -7.6550,
-14.2404

172.8685,

■ 11.2820, -6.1506,

-24.3446, -16.1741

-13.8223

188.6177,
-25.6468, -15.9680

■ 3.4644, -6.0627,
-26.6442

0.0000, NaN, -NF

■ 76.5644, -15.4624,
-16.3290

■ 76.5644, -15.4624,
-16.3290

■ 72.7654, -16.6587,
-21.9932

■ 80.5839, -13.5543,
-10.6653

■ 69.1960, -17.0767,
-27.6323

■ 84.8055, -11.0002,
-5.0284

■ 65.8693, -16.6626,
-33.2089

■ 89.2164, -7.8669,
0.5672

■ 62.7930, -15.3815,
-38.6831

■ 93.8033, -4.2168,
6.1113

■ 59.9682, -13.2336,
-44.0183

■ 97.3030, -4.4188,
10.1207

■ 57.3783, -10.2938,
-49.2070

■ 99.5048, -8.0554,
12.5148

■ 56.8944, -9.6820,
-50.2123

Harmonies

Analogous

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



76.5659, -22.8156, -6.7105



76.5644, -15.4624, -16.3290



76.5659, -4.6870, -20.3605

Triad

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



76.5659, -15.4630, -16.3277



76.5659, 19.6326, 3.5962



76.5659, -14.4853, 20.6434

Complementary

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



76.5644, -15.4624, -16.3290



72.0653, 14.2406, 21.6039

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.



76.5659, -3.4901, 22.5670



76.5644, -15.4624, -16.3290



76.5659, 16.6296, 13.6522

Square

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



76.5659, -15.4630, -16.3277



76.5659, 15.9701, -7.8434



76.5659, 7.9894, 20.2070



76.5659, -22.2753, 14.5015

Rectangle

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



76.5644, -15.4624, -16.3290



76.5659, 3.1427, -18.9426



76.5659, 7.9894, 20.2070



76.5659, -11.0627, 21.7603

Sweetspot

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



76.5659, -15.4630, -16.3277



94.6001, -9.5282, -1.1695



84.3784, -39.7770, 22.1359



43.4658, -4.6256, -0.9198

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.5659, -15.4630, -16.3277



79.0848, -17.7470, -22.5066



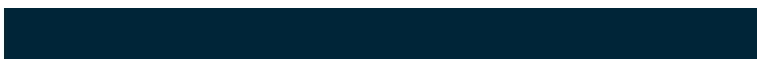
62.7103, 7.5079, -38.4351



41.2674, -3.8848, -0.1003



42.5850, -7.6452, -36.7236



12.9886, -3.2629, -9.1908

Inverse Universe

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



66.4721, 38.9425, -12.7455



66.6282, 51.8882, -16.8287



85.3821, -9.0378, 32.9975



39.9258, 2.6794, 0.0983



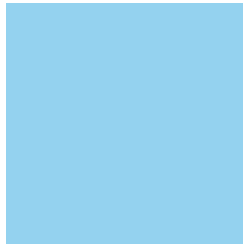
34.0941, 62.7369, -11.6877



9.9248, 18.4211, -4.6294

Previews

White Background



This preview shows how the HunterLab color 76.5644, -15.4624, -16.3290 looks on a white background.

Color Contrast Check

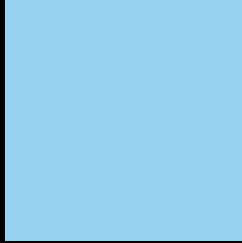
Large Text (above 18pt) WCAG AA × Fail

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 76.5644, -15.4624, -16.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

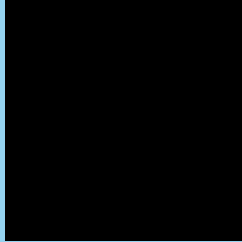
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 76.5644, -15.4624, -16.3290 Background



This preview shows how black text looks on a background with the HunterLab color 76.5644, -15.4624, -16.3290.



This preview shows how white text looks on a background with the HunterLab color 76.5644, -15.4624, -16.3290.

-15.4624, -16.3290.

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

76.5644, -15.4624, -16.3290

Protanopia

76.3382, 0.8467, -12.2404

Deuteranopia

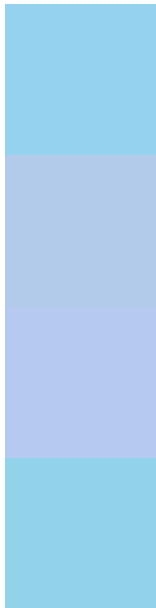
76.2693, 5.9842, -18.2016



Tritanopia

76.6576, -19.2063, -10.4343

Trichromacy



Original Color

76.5644, -15.4624, -16.3290

Protanomaly

76.2725, -5.4362, -14.1935

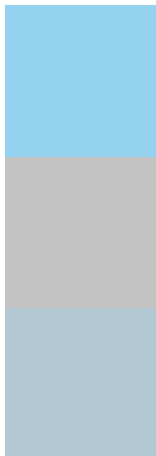
Deuteranomaly

76.1235, -2.3256, -17.9502

Tritanomaly

76.5393, -17.6723, -12.8634

Monochromacy



Original Color

76.5644, -15.4624, -16.3290

Achromatopsia

73.8732, -3.9417, 4.0137

Achromatomaly

74.4827, -8.6674, -3.3133

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.5644, -15.4624, -16.3290 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(148, 210, 239)` looks like.

```
.text, #text, p{  
    color:rgb(148, 210, 239)  
}
```

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(148, 210, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 210, 239) }
```

Border

The CSS property to change the border of an element to HunterLab 76.5644, -15.4624, -16.3290 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(148, 210, 239) }
```


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

```
.border{ border-color:rgb(148, 210, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 210, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 210, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 210, 239);  
box-shadow:4px 4px 4px 4px rgb(148, 210,  
239) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.5644, -15.4624, -16.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 210, 239) }
```

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

```
.background{ background-color: rgb(148,  
210, 239) }
```

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