

Converting Colors

HunterLab(42.0747, 15.8014,
-86.7003)

Have a look what the booklet for
HunterLab(42.0747, 15.8014,
-86.7003) contains.

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Color

**HunterLab(42.0747, 15.8014,
-86.7003)**

Conversions

Conversions Part 1

Format	Color
Hex	0070ED
RGB	0, 112, 237
RGB Percent	0%, 44%, 93%
CMY	0.9997, 0.5608, 0.0706
CMYK	1.00, 0.53, 0.00, 0.07
HSL	212°, 100%, 46%
HSV	212°, 100%, 93%
XYZ	21.0803, 17.7028, 82.4268
YIQ	92.7620, -106.8770, 15.1310

Conversions

Conversions Part 2

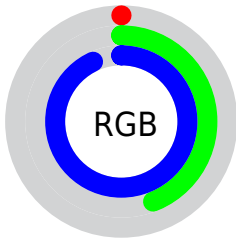
Format	Color
RYB	0, 76, 237
Decimal	28909
CIELab	49.13, 21.91, -69.98
CIELCh	49, 73.327, 287.385
Yxy	17.7032, 0.1739, 0.1461
Android (android.graphics.Color)	4278218989 (0xFF0070ED)
YUV	92.7620, 71.1093, -81.3523
Hunter-Lab	42.0747, 15.8014, -86.7003

Details

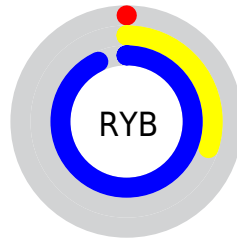
The HunterLab color **42.0747, 15.8014, -86.7003** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **57.1742, 31.9066, 35.7871**, and the grayscale version is **32.7773, -1.7489, 1.7809**.

A 20% lighter version of the original color is **60.5000, 4.2684, -55.3610**, and **26.8174, 20.8718, -78.5757** is the 20% darker color. If you saturate the color by 10%, you get **42.0656, 15.8206, -86.7306**, and if you desaturate by 10%, it is **45.6592, 9.7319, -75.7348**.

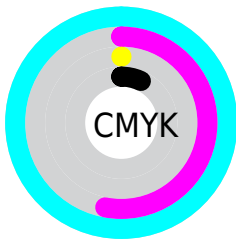
Distribution



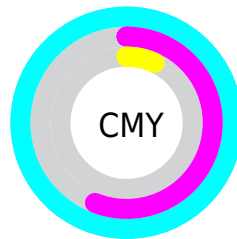
- Red (0%)
- Green (44%)
- Blue (93%)



- Red (0%)
- Yellow (30%)
- Blue (93%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (56%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.0747, 15.8014, -86.7003 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 42.0747, 15.8014, -86.7003 by changing the saturation by 10% instead.

■ 42.0747, 15.8014,
-86.7003

■ 42.0747, 15.8014,
-86.7003

■ 154.6587, 18.3859,
-92.2352

■ 32.7676, 15.0869,
-87.7623

■ 62.8737, 16.9119,
-86.7027

■ 24.2701, 14.2411,
-90.3504

■ 74.2708, 17.3291,
-87.2273

■ 16.6689, 13.2454,
-96.0553

■ 86.2837, 17.6672,
-87.9235

■ 10.0858, 12.0840,
-109.3450

■ 98.8825, 17.9335,
-88.7217

0.0000, INF, -NF

0.0000, NaN, -NF

■ 112.0410, 18.1338,
-89.5770

0.0000, NaN, -NF

125.7363, 18.2732,

0.0000, NaN, -NF

-90.4600

0.0000, NaN, NaN

139.9483, 18.3560,
-91.3506

■ 42.0747, 15.8014,
-86.7003

■ 42.0747, 15.8014,
-86.7003

■ 42.0656, 15.8206,
-86.7306

■ 45.6592, 9.7319,
-75.7348

■ 49.6219, 4.6269,
-65.0741

■ 53.9603, 0.5923,
-54.7744

■ 58.6395, -2.4267,
-44.9193

■ 63.6226, -4.5278,
-35.5406

■ 68.8756, -5.8215,
-26.6317

■ 74.3684, -6.4152,
-18.1633

■ 80.0749, -6.4064,
-10.0948

■ 85.9728, -5.8796,
-2.3816

Harmonies

Analogous

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



42.0752, -13.7794, -89.7451



42.0747, 15.8014, -86.7003



42.0752, 47.3336, -52.0084

Triad

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



42.0752, 15.8032, -86.6992



42.0752, 42.7149, 25.6449



42.0752, -44.1001, 12.3323

Complementary

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



42.0747, 15.8014, -86.7003



57.1742, 31.9066, 35.7871

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.



42.0752, -36.0046, 24.7359



42.0747, 15.8014, -86.7003



42.0752, 10.6784, 28.1564

Square

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



42.0752, 15.8032, -86.6992



42.0752, 65.5405, 15.2883



42.0752, -17.6893, 27.9987



42.0752, -43.4261, -16.9110

Rectangle

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



42.0747, 15.8014, -86.7003



42.0752, 62.8340, -23.7372



42.0752, -17.6893, 27.9987



42.0752, -42.4315, 18.0432

Sweetspot

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



42.0752, 15.8032, -86.6992



80.7231, -6.9666, -19.8688



78.7314, -61.0850, 33.4605



36.1642, -3.1345, -10.9698

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.0752, 15.8032, -86.6992



45.5697, 17.4866, -94.7067



24.7827, 67.0979, -175.2365



39.6517, -2.6840, -0.9172



31.4952, 10.8322, -62.7498



9.8500, 1.0543, -14.5876

Inverse Universe

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



43.7903, 77.6553, 7.5878



47.5683, 84.3369, 8.4536



88.2617, -25.2150, 53.9438



38.9519, 2.2302, 1.1008



32.3947, 57.5278, 5.0351



9.1835, 16.5053, -0.0996

Previews

White Background



This preview shows how the HunterLab color 42.0747, 15.8014, -86.7003 looks on a white background.

Color Contrast Check

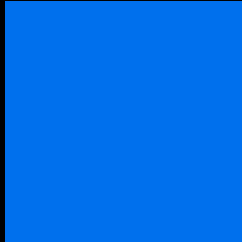
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.0747, 15.8014, -86.7003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

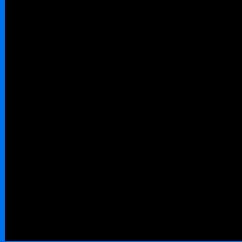
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

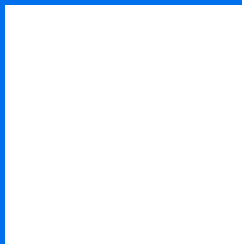
Any Text WCAG AAA × Fail

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

HunterLab 42.0747, 15.8014, -86.7003 Background



This preview shows how black text looks on a background with the HunterLab color 42.0747, 15.8014, -86.7003.



This preview shows how white text looks on a background with the HunterLab color 42.0747, 15.8014, -86.7003.

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

42.0747, 15.8014, -86.7003

Protanopia

42.2272, 16.2658, -86.1903

Deuteranopia

42.0118, 1.8423, -56.4880



Tritanopia

41.8410, -20.4681, -8.1129

Trichromacy



Original Color

42.0747, 15.8014, -86.7003

Protanomaly

42.1591, 16.0587, -86.4175

Deuteranomaly

41.8336, 6.8799, -67.1401

Tritanomaly

41.4524, -9.5611, -31.1723

Monochromacy



Original Color

42.0747, 15.8014, -86.7003

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

34.7685, -1.9500, -24.2911

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.0747, 15.8014, -86.7003 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, 112, 237)` looks like.

```
.text, #text, p{  
    color:rgb(0, 112, 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, 112, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 112, 237) }
```

Border

The CSS property to change the border of an element to HunterLab 42.0747, 15.8014, -86.7003 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, 112, 237) }
```


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

```
.border{ border-color:rgb(0, 112, 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, 112, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 112, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 112, 237);  
box-shadow:4px 4px 4px 4px rgb(0, 112,  
237) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.0747, 15.8014, -86.7003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 112, 237) }
```

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

```
.background{ background-color: rgb(0, 112,  
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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