

Converting Colors

HunterLab(41.7002, 15.1112,
-87.3475)

Have a look what the booklet for
HunterLab(41.7002, 15.1112,
-87.3475) contains.

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Color

**HunterLab(42.0053, 15.4510,
-85.8573)**

Conversions

Conversions Part 1

Format	Color
Hex	0070EC
RGB	0, 112, 236
RGB Percent	0%, 44%, 93%
CMY	0.9998, 0.5608, 0.0745
CMYK	1.00, 0.53, 0.00, 0.07
HSL	212°, 100%, 46%
HSV	212°, 100%, 93%
XYZ	20.9345, 17.6445, 81.6592
YIQ	92.6480, -106.5560, 14.8200

Conversions

Conversions Part 2

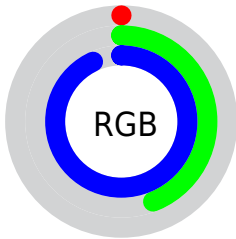
Format	Color
RYB	0, 76, 236
Decimal	28908
CIELab	49.06, 21.52, -69.53
CIELCh	49, 72.787, 287.196
Yxy	17.6449, 0.1741, 0.1467
Android (android.graphics.Color)	4278218988 (0xFF0070EC)
YUV	92.6480, 70.6725, -81.2523
Hunter-Lab	42.0053, 15.4510, -85.8573

Details

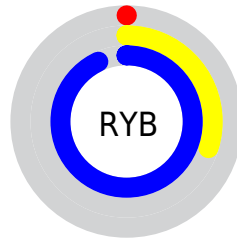
The HunterLab color **42.0053, 15.4510, -85.8573** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **56.8018, 31.9796, 35.5590**, and the grayscale version is **32.7362, -1.7467, 1.7786**.

A 20% lighter version of the original color is **60.5000, 4.2684, -55.3610**, and **26.7415, 20.5191, -77.7194** is the 20% darker color. If you saturate the color by 10%, you get **41.9966, 15.4695, -85.8862**, and if you desaturate by 10%, it is **45.5663, 9.4475, -75.0151**.

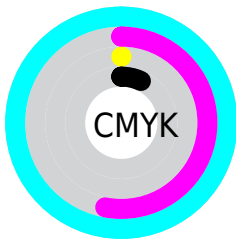
Distribution



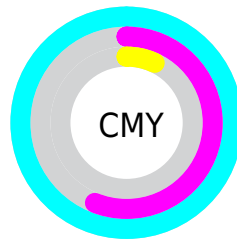
- Red (0%)
- Green (44%)
- Blue (93%)



- 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 42.0053, 15.4510, -85.8573 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 42.0053, 15.4510, -85.8573 by changing the saturation by 10% instead.

■ 42.0053, 15.4510,
-85.8573

■ 42.0053, 15.4510,
-85.8573

154.5515, 17.8957,
-91.4384

■ 32.7037, 14.7550,
-86.8827

■ 62.7943, 16.5266,
-85.8980

■ 24.2123, 13.9282,
-89.4120

■ 74.1869, 16.9273,
-86.4317

■ 16.6180, 12.9517,
-95.0181

■ 86.1955, 17.2495,
-87.1330

■ 10.0427, 11.8085,
-108.1267

■ 98.7902, 17.5003,
-87.9333

0.0000, INF, -NF

0.0000, NaN, -NF

■ 111.9448, 17.6858,
-88.7886

0.0000, NaN, -NF

125.6364, 17.8108,

0.0000, NaN, -NF

-89.6700

0.0000, NaN, NaN

139.8447, 17.8795,
-90.5577

■ 42.0053, 15.4510,
-85.8573

■ 42.0053, 15.4510,
-85.8573

■ 41.9966, 15.4695,
-85.8862

■ 45.5663, 9.4475,
-75.0151

■ 49.5007, 4.4006,
-64.4719

■ 53.8071, 0.4157,
-54.2808

■ 58.4509, -2.5612,
-44.5241

■ 63.3962, -4.6265,
-35.2338

■ 68.6093, -5.8895,
-26.4044

■ 74.0605, -6.4565,
-18.0077

■ 79.7239, -6.4239,
-10.0043

■ 85.5775, -5.8758,
-2.3509

Harmonies

Analogous

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



42.0058, -13.8474, -88.6254



42.0053, 15.4510, -85.8573



42.0058, 46.7135, -51.7197

Triad

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



42.0058, 15.4527, -85.8562



42.0058, 42.5023, 25.5037



42.0058, -43.8147, 12.3833

Complementary

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



42.0053, 15.4510, -85.8573



56.8018, 31.9796, 35.5590

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.



42.0058, -35.6955, 24.6646



42.0053, 15.4510, -85.8573



42.0058, 10.7749, 28.0607

Square

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



42.0058, 15.4527, -85.8562



42.0058, 64.9961, 15.0901



42.0058, -17.4223, 27.9144



42.0058, -43.1964, -16.5045

Rectangle

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



42.0053, 15.4510, -85.8573



42.0058, 62.1244, -23.7489



42.0058, -17.4223, 27.9144



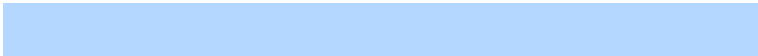
42.0058, -42.1340, 18.0317

Sweetspot

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



42.0058, 15.4527, -85.8562



80.7715, -7.0453, -19.7988



78.3555, -60.7905, 33.2946



36.1896, -3.1759, -10.9315

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.0058, 15.4527, -85.8562



45.7056, 17.2018, -94.2618



24.6644, 66.7777, -174.3976



39.6582, -2.6947, -0.9092



31.5868, 10.6438, -62.4577



9.8736, 1.0114, -14.5243

Inverse Universe

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



43.5938, 77.3310, 7.3675



47.5815, 84.3850, 8.2642



87.8400, -25.0941, 53.6860



38.9526, 2.2338, 1.0913



32.4037, 57.5606, 4.9057



9.1860, 16.5146, -0.1359

Previews

White Background



This preview shows how the HunterLab color 42.0053, 15.4510, -85.8573 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 42.0053, 15.4510, -85.8573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

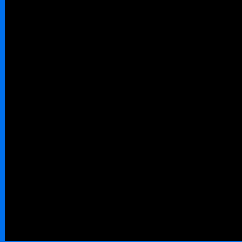
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

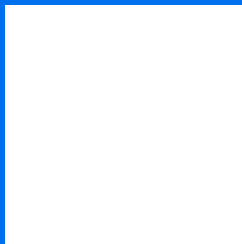
Any Text WCAG AAA × Fail

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

HunterLab 42.0053, 15.4510, -85.8573 Background



This preview shows how black text looks on a background with the HunterLab color 42.0053, 15.4510, -85.8573.



This preview shows how white text looks on a background with the HunterLab color 42.0053, 15.4510, -85.8573.

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

42.0053, 15.4510, -85.8573

Protanopia

42.2079, 16.0689, -85.1841

Deuteranopia

41.9541, 1.5315, -55.7451



Tritanopia

41.8410, -20.4681, -8.1129

Trichromacy



Original Color

42.0053, 15.4510, -85.8573

Protanomaly

42.1163, 15.7899, -85.4878

Deuteranomaly

41.7716, 6.5532, -66.3573

Tritanomaly

41.4524, -9.5611, -31.1723

Monochromacy



Original Color

42.0053, 15.4510, -85.8573

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 42.0053, 15.4510, -85.8573 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(0, 112, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 112, 236) }
```

Border

The CSS property to change the border of an element to HunterLab 42.0053, 15.4510, -85.8573 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, 236) }
```


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

```
.border{ border-color:rgb(0, 112, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 112, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 112, 236);  
box-shadow:4px 4px 4px 4px rgb(0, 112,  
236) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.0053, 15.4510, -85.8573 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, 236) }
```

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

```
.background{ background-color: rgb(0, 112,  
236) }
```

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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