

Converting Colors

HunterLab(40.1927, -10.5506,
-58.3962)

Have a look what the booklet for
HunterLab(40.1927, -10.5506,
-58.3962) contains.

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Color

**HunterLab(42.9857, -1.0504,
-51.4609)**

Conversions

Conversions Part 1

Format	Color
Hex	007BCB
RGB	0, 123, 203
RGB Percent	0%, 48%, 80%
CMY	0.9998, 0.5176, 0.2039
CMYK	1.00, 0.39, 0.00, 0.20
HSL	204°, 100%, 40%
HSV	204°, 100%, 80%
XYZ	17.8624, 18.4777, 59.1250
YIQ	95.3430, -98.9880, -1.1960

Conversions

Conversions Part 2

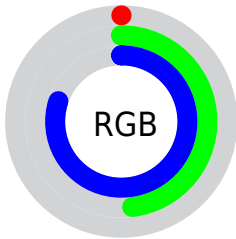
Format	Color
RYB	0, 77, 203
Decimal	31691
CIELab	50.07, 1.61, -49.25
CIELCh	50, 49.279, 271.876
Yxy	18.4783, 0.1871, 0.1936
Android (android.graphics.Color)	4278221771 (0xFF007BCB)
YUV	95.3430, 53.0749, -83.6158
Hunter-Lab	42.9857, -1.0504, -51.4609

Details

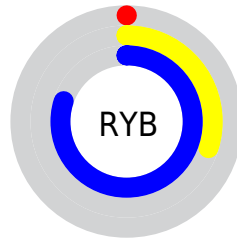
The HunterLab color **42.9857, -1.0504, -51.4609** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **42.9425, 39.1644, 27.1448**, and the grayscale version is **33.7963, -1.8033, 1.8362**.

A 20% lighter version of the original color is **63.6212, -3.5519, -49.0261**, and **26.7774, 5.5441, -45.4376** is the 20% darker color. If you saturate the color by 10%, you get **42.9809, -1.0419, -51.4731**, and if you desaturate by 10%, it is **45.4945, -4.3154, -45.6752**.

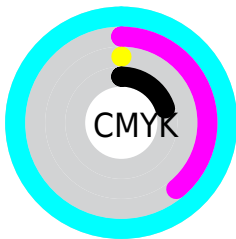
Distribution



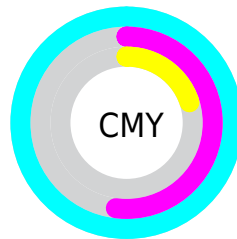
- Red (0%)
- Green (48%)
- Blue (80%)



- Red (0%)
- Yellow (30%)
- Blue (80%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (52%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.9857, -1.0504, -51.4609 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 42.9857, -1.0504, -51.4609 by changing the saturation by 10% instead.

■ 42.9857, -1.0504,
-51.4609

■ 42.9857, -1.0504,
-51.4609

■ 156.0619, -6.4259,
-57.5697

■ 33.6064, -0.6455,
-51.0917

■ 63.9145, -1.9929,
-52.7471

■ 25.0297, -0.2934,
-51.1831

■ 75.3707, -2.5252,
-53.4861

■ 17.3401, -0.0008,
-52.2740

■ 87.4397, -3.0943,
-54.2322

■ 10.6550, 0.2207,
-55.8534

■ 100.0920, -3.6979,
-54.9645

■ 0.8874, 7.8751,
-413.9210

■ 113.3017, -4.3344,
-55.6705

0.0000, NaN, -NF

0.0000, NaN, -NF

127.0463, -5.0021,

-56.3427

0.0000, NaN, NaN

141.3057, -5.6997,
-56.9766

0.0000, NaN, NaN

■ 42.9857, -1.0504,
-51.4609

■ 42.9857, -1.0504,
-51.4609

■ 42.9809, -1.0419,
-51.4731

■ 45.4945, -4.3154,
-45.6752

■ 48.2105, -6.9369,
-39.8994

■ 51.1581, -8.8033,
-34.1121

■ 54.3299, -9.9285,
-28.3546

■ 57.7131, -10.3558,
-22.6629

■ 61.2930, -10.1428,
-17.0631

■ 65.0546, -9.3525,
-11.5711

■ 68.9833, -8.0469,
-6.1948

■ 73.0655, -6.2845,
-0.9354

Harmonies

Analogous

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



42.9863, -18.7257, -43.0803



42.9857, -1.0504, -51.4609



42.9863, 19.5791, -40.8529

Triad

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



42.9863, -1.0495, -51.4599



42.9863, 34.8086, 17.3444



42.9863, -30.8484, 16.0896

Complementary

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



42.9857, -1.0504, -51.4609



42.9425, 39.1644, 27.1448

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.



42.9863, -20.5172, 23.0636



42.9857, -1.0504, -51.4609



42.9863, 17.0449, 23.5250

Square

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



42.9863, -1.0495, -51.4599



42.9863, 42.4634, 3.5023



42.9863, -3.5284, 25.0147



42.9863, -33.9676, 1.1440

Rectangle

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



42.9857, -1.0504, -51.4609



42.9863, 31.7245, -26.3601



42.9863, -3.5284, 25.0147



42.9863, -28.2083, 19.1642

Sweetspot

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



42.9863, -1.0495, -51.4599



83.9710, -12.1595, -15.2707



65.7726, -53.4253, 33.1224



37.8758, -5.8618, -8.4626

0.0000, NaN, NaN



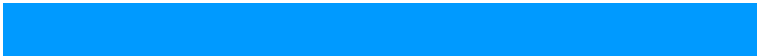
46.2646, -2.4686, 2.5136

Same Dimension

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



42.9863, -1.0495, -51.4599



55.2194, -0.6725, -67.5677



22.2577, 50.0766, -135.9139



34.5772, -2.9101, -0.2992



34.5518, -1.2763, -40.4317



8.7249, -1.6894, -7.2586

Inverse Universe

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



37.5868, 68.1664, -5.2053



48.5894, 88.0457, -6.0818



67.1315, -8.9576, 41.2081



33.6540, 2.0639, 0.4250



30.0136, 54.4916, -4.5777



6.9238, 12.7608, -2.5296

Previews

White Background



This preview shows how the HunterLab color 42.9857, -1.0504, -51.4609 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 42.9857, -1.0504, -51.4609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

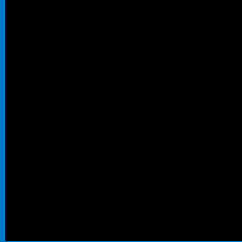
Any Text WCAG AA ✓ Pass

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 42.9857, -1.0504, -51.4609 Background



This preview shows how black text looks on a background with the HunterLab color 42.9857, -1.0504, -51.4609.



This preview shows how white text looks on a background with the HunterLab color 42.9857, -1.0504, -51.4609.

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

42.9857, -1.0504, -51.4609

Protanopia

42.9590, 8.1194, -45.4647

Deuteranopia

43.1009, 3.8279, -51.9586



Tritanopia

42.9251, -20.8143, -8.7206

Trichromacy



Original Color

42.9857, -1.0504, -51.4609

Protanomaly

42.5786, 2.9650, -48.9511

Deuteranomaly

42.8654, 1.5906, -52.5744

Tritanomaly

42.8729, -14.4445, -22.4058

Monochromacy



Original Color

42.9857, -1.0504, -51.4609

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

35.7562, -6.5708, -15.4812

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.9857, -1.0504, -51.4609 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, 123, 203)` looks like.

```
.text, #text, p{  
    color:rgb(0, 123, 203)  
}
```

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, 123, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 123, 203) }
```

Border

The CSS property to change the border of an element to HunterLab 42.9857, -1.0504, -51.4609 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, 123, 203) }
```


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

```
.border{ border-color:rgb(0, 123, 203) }
```

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

Here you see how a box with a 4 pixel rgb(0, 123, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 123, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 123, 203);  
box-shadow:4px 4px 4px 4px rgb(0, 123,  
203) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.9857, -1.0504, -51.4609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 123, 203) }
```

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

```
.background{ background-color: rgb(0, 123,  
203) }
```

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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