

Converting Colors

HunterLab(40.2217, -19.4045,
-24.1477)

Have a look what the booklet for
HunterLab(40.2217, -19.4045,
-24.1477) contains.

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Color

**HunterLab(41.7432,
-14.3866, -21.1187)**

Conversions

Conversions Part 1

Format	Color
Hex	007E9F
RGB	0, 126, 159
RGB Percent	0%, 49%, 62%
CMY	0.9999, 0.5059, 0.3765
CMYK	1.00, 0.21, 0.00, 0.38
HSL	192°, 100%, 31%
HSV	192°, 100%, 62%
XYZ	13.7189, 17.4249, 35.4412
YIQ	92.0880, -85.6890, -16.4490

Conversions

Conversions Part 2

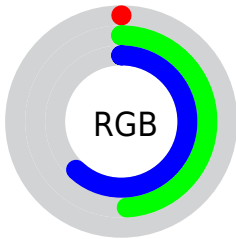
Format	Color
RYB	0, 70, 159
Decimal	32415
CIELab	48.79, -16.99, -25.87
CIELCh	49, 30.949, 236.699
Yxy	17.4255, 0.2060, 0.2617
Android (android.graphics.Color)	4278222495 (0xFF007E9F)
YUV	92.0880, 32.9876, -80.7612
Hunter-Lab	41.7432, -14.3866, -21.1187

Details

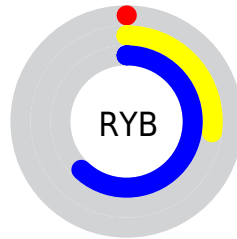
The HunterLab color **41.7432, -14.3866, -21.1187** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **29.0866, 40.1878, 18.6249**, and the grayscale version is **32.6550, -1.7424, 1.7742**.

A 20% lighter version of the original color is **62.5859, -17.4539, -22.0085**, and **25.2375, -6.6250, -17.2432** is the 20% darker color. If you saturate the color by 10%, you get **41.7419, -14.3847, -21.1214**, and if you desaturate by 10%, it is **42.8871, -15.2819, -19.1874**.

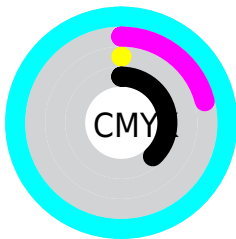
Distribution



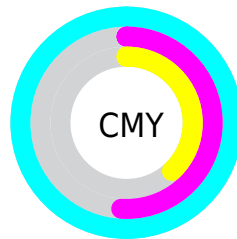
- Red (0%)
- Green (49%)
- Blue (62%)



- Red (0%)
- Yellow (27%)
- Blue (62%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.7432, -14.3866, -21.1187 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 41.7432, -14.3866, -21.1187 by changing the saturation by 10% instead.

41.7432, -14.3866,
-21.1187

41.7432, -14.3866,
-21.1187

154.1470,
-27.7098, -23.4403

32.4628, -12.7870,
-20.5926

62.4948, -17.4496,
-22.0271

23.9945, -11.1118,
-20.0551

73.8702, -18.9405,
-22.3957

16.4259, -9.3175,
-19.5902

85.8626, -20.4157,
-22.7056

9.8804, -8.0718,
-19.4639

98.4418, -21.8807,
-22.9584

0.0000, NaN, -NF

0.0000, NaN, -NF

111.5815,
-23.3397, -23.1559

0.0000, NaN, NaN

125.2588,

0.0000, NaN, NaN

-24.7960, -23.3006

0.0000, NaN, NaN

139.4534,
-26.2520, -23.3946

■ 41.7432, -14.3866,
-21.1187

■ 41.7432, -14.3866,
-21.1187

■ 41.7419, -14.3847,
-21.1214

■ 42.8871, -15.2819,
-19.1874

■ 44.1294, -15.8178,
-17.1547

■ 45.5039, -15.8687,
-14.9774

■ 47.0160, -15.4185,
-12.6632

■ 48.6668, -14.4708,
-10.2263

■ 50.4547, -13.0431,
-7.6837

■ 52.3758, -11.1623,
-5.0531

■ 54.4254, -8.8606,
-2.3516

■ 56.5975, -6.1734,
0.4053

Harmonies

Analogous

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



41.7439, -21.2509, -9.0964



41.7432, -14.3866, -21.1187



41.7439, -3.5766, -26.8442

Triad

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



41.7439, -14.3863, -21.1179



41.7439, 23.9737, 0.9620



41.7439, -12.2909, 17.7383

Complementary

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



41.7432, -14.3866, -21.1187



29.0866, 40.1878, 18.6249

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.



41.7439, -0.8653, 19.0188



41.7432, -14.3866, -21.1187



41.7439, 20.9569, 11.1353

Square

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



41.7439, -14.3863, -21.1179



41.7439, 19.3291, -11.9906



41.7439, 11.5002, 16.9925



41.7439, -20.1426, 12.7939

Rectangle

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



41.7432, -14.3866, -21.1187



41.7439, 4.7541, -25.3782



41.7439, 11.5002, 16.9925



41.7439, -8.7823, 18.5364

Sweetspot

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



41.7439, -14.3863, -21.1179



69.9355, -15.1018, -6.9721



49.9000, -42.0491, 28.4033



32.7136, -7.6720, -3.9791



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



41.7439, -14.3863, -21.1179



55.6037, -18.8973, -28.7060



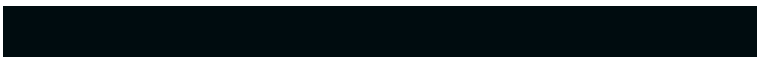
21.4347, 23.3138, -77.1146



26.9732, -2.8322, 0.2904



37.1788, -12.8961, -18.6313



5.4892, -2.4079, -1.6632

Inverse Universe

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



29.7960, 56.0769, -19.9365



39.8363, 74.9195, -26.1862



43.3676, 6.4945, 26.8355



25.9441, 1.6935, -0.2028



26.4908, 49.8802, -17.8736



3.6186, 6.9390, -3.4132

Previews

White Background



This preview shows how the HunterLab color 41.7432, -14.3866, -21.1187 looks on a white background.

Color Contrast Check

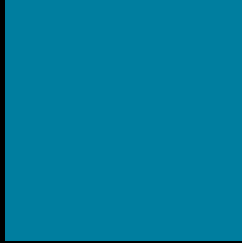
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.7432, -14.3866, -21.1187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

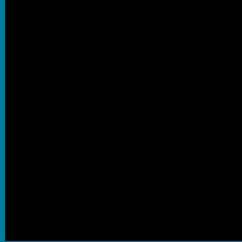
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 41.7432, -14.3866, -21.1187 Background



This preview shows how black text looks on a background with the HunterLab color 41.7432, -14.3866, -21.1187.



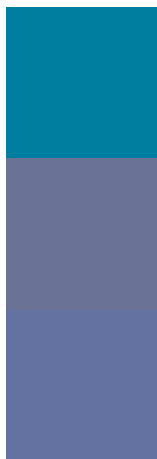
This preview shows how white text looks on a background with the HunterLab color 41.7432, -14.3866, -21.1187.

-14.3866, -21.1187.

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

41.7432, -14.3866, -21.1187

Protanopia

41.5942, 2.1655, -15.4617

Deuteranopia

41.6564, 3.3513, -22.9250



Tritanopia

41.8754, -20.2644, -8.5955

Trichromacy



Original Color

41.7432, -14.3866, -21.1187

Protanomaly

40.5587, -6.9738, -19.1853

Deuteranomaly

40.7677, -5.5535, -24.0140

Tritanomaly

41.8493, -18.1820, -13.0582

Monochromacy



Original Color

41.7432, -14.3866, -21.1187

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

34.7727, -9.9996, -6.9212

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.7432, -14.3866, -21.1187 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, 126, 159)` looks like.

```
.text, #text, p{  
    color:rgb(0, 126, 159)  
}
```

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, 126, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 126, 159) }
```

Border

The CSS property to change the border of an element to HunterLab 41.7432, -14.3866, -21.1187 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, 126, 159) }
```


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

```
.border{ border-color:rgb(0, 126, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 126, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 126, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 126, 159);  
box-shadow:4px 4px 4px 4px rgb(0, 126,  
159) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.7432, -14.3866, -21.1187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 126, 159) }
```

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

```
.background{ background-color: rgb(0, 126,  
159) }
```

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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