

Converting Colors

HunterLab(42.2035, -13.7602,
-23.0463)

Have a look what the booklet for
HunterLab(42.2035, -13.7602,
-23.0463) contains.

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Color

**HunterLab(42.2174,
-13.8402, -22.8910)**

Conversions

Conversions Part 1

Format	Color
Hex	007FA3
RGB	0, 127, 163
RGB Percent	0%, 50%, 64%
CMY	0.9999, 0.5020, 0.3608
CMYK	1.00, 0.22, 0.00, 0.36
HSL	193°, 100%, 32%
HSV	193°, 100%, 64%
XYZ	14.2002, 17.8231, 37.3421
YIQ	93.1310, -87.2480, -15.7280

Conversions

Conversions Part 2

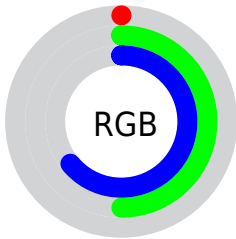
Format	Color
RYB	0, 71, 163
Decimal	32675
CIELab	49.28, -16.07, -27.44
CIELCh	49, 31.800, 239.644
Yxy	17.8237, 0.2047, 0.2569
Android (android.graphics.Color)	4278222755 (0xFF007FA3)
YUV	93.1310, 34.4454, -81.6759
Hunter-Lab	42.2174, -13.8402, -22.8910

Details

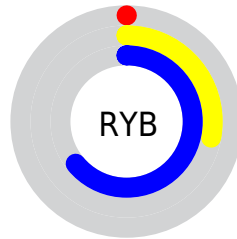
The HunterLab color **42.2174, -13.8402, -22.8910** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **30.0834, 40.7254, 19.2486**, and the grayscale version is **33.0366, -1.7628, 1.7949**.

A 20% lighter version of the original color is **63.1097, -16.8330, -23.7219**, and **25.6836, -6.0708, -18.9972** is the 20% darker color. If you saturate the color by 10%, you get **42.2160, -13.8380, -22.8940**, and if you desaturate by 10%, it is **43.4550, -14.8693, -20.7610**.

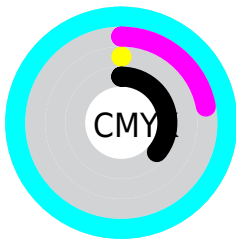
Distribution



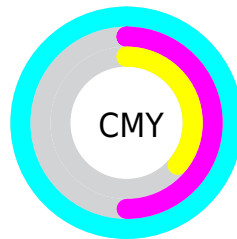
- Red (0%)
- Green (50%)
- Blue (64%)



- Red (0%)
- Yellow (28%)
- Blue (64%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (50%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.2174, -13.8402, -22.8910 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 42.2174, -13.8402, -22.8910 by changing the saturation by 10% instead.

42.2174, -13.8402,
-22.8910

42.2174, -13.8402,
-22.8910

154.8791,
-26.7492, -25.5715

32.8991, -12.3061,
-22.3405

63.0370, -16.7896,
-23.8685

24.3891, -10.7053,
-21.7928

74.4434, -18.2302,
-24.2765

16.7739, -8.9983,
-21.3457

86.4652, -19.6581,
-24.6274

10.1746, -7.5546,
-21.2989

99.0724, -21.0785,
-24.9219

0.0000, NaN, -NF

0.0000, NaN, -NF

112.2390,
-22.4952, -25.1614

0.0000, NaN, NaN

125.9421,

0.0000, NaN, NaN

-23.9111, -25.3482

0.0000, NaN, NaN

140.1615,
-25.3285, -25.4841

■ 42.2174, -13.8402,
-22.8910

■ 42.2174, -13.8402,
-22.8910

■ 42.2160, -13.8380,
-22.8940

■ 43.4550, -14.8693,
-20.7610

■ 44.7972, -15.5199,
-18.5288

■ 46.2776, -15.6670,
-16.1522

■ 47.9010, -15.2953,
-13.6407

■ 49.6682, -14.4104,
-11.0103

■ 51.5768, -13.0318,
-8.2795

■ 53.6225, -11.1885,
-5.4670

■ 55.7997, -8.9148,
-2.5907

■ 58.1023, -6.2475,
0.3340

Harmonies

Analogous

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



42.2181, -21.3555, -10.7987



42.2174, -13.8402, -22.8910



42.2181, -2.4058, -27.9433

Triad

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



42.2181, -13.8399, -22.8902



42.2181, 24.8763, 2.1542



42.2181, -13.6071, 17.8488

Complementary

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



42.2174, -13.8402, -22.8910



30.0834, 40.7254, 19.2486

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.



42.2181, -2.1038, 19.4866



42.2174, -13.8402, -22.8910



42.2181, 20.9917, 12.2015

Square

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



42.2181, -13.8399, -22.8902



42.2181, 20.8097, -11.1227



42.2181, 10.7319, 17.7669



42.2181, -21.2326, 12.3850

Rectangle

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



42.2174, -13.8402, -22.8910



42.2181, 6.2228, -25.7608



42.2181, 10.7319, 17.7669



42.2181, -10.1123, 18.7787

Sweetspot

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



42.2181, -13.8399, -22.8902



71.5981, -15.1306, -7.5348



51.3013, -43.1314, 28.9881



33.4023, -7.6675, -4.2913



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



42.2181, -13.8399, -22.8902



56.2222, -18.1390, -31.1159



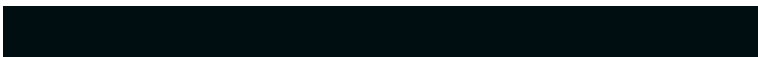
21.4815, 25.5287, -81.9542



27.8290, -2.8859, 0.2600



37.3092, -12.3276, -20.0216



5.9562, -2.5192, -2.0066

Inverse Universe

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



30.5280, 57.2942, -19.1826



40.8142, 76.5423, -25.1514



45.2422, 5.4379, 27.9722



26.7867, 1.7490, -0.1754



26.9246, 50.5575, -17.0850



3.9826, 7.6101, -3.5487

Previews

White Background



This preview shows how the HunterLab color 42.2174, -13.8402, -22.8910 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 42.2174, -13.8402, -22.8910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

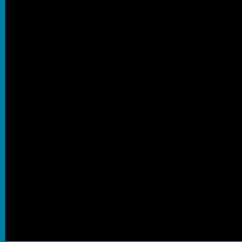
Any Text WCAG AA ✓ Pass

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 42.2174, -13.8402, -22.8910 Background



This preview shows how black text looks on a background with the HunterLab color 42.2174, -13.8402, -22.8910.



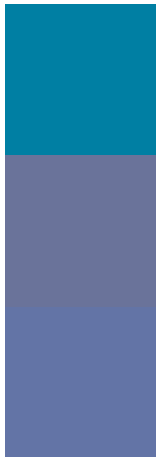
This preview shows how white text looks on a background with the HunterLab color 42.2174,

-13.8402, -22.8910.

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

42.2174, -13.8402, -22.8910

Protanopia

42.0223, 2.5267, -17.1962

Deuteranopia

42.3044, 3.0727, -24.4399



Tritanopia

42.2596, -20.2421, -9.1239

Trichromacy



Original Color

42.2174, -13.8402, -22.8910

Protanomaly

41.0137, -6.5025, -20.9540

Deuteranomaly

41.4805, -5.6417, -25.4196

Tritanomaly

42.2358, -18.1447, -13.6220

Monochromacy



Original Color

42.2174, -13.8402, -22.8910

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

35.1297, -10.0290, -7.4560

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.2174, -13.8402, -22.8910 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, 127, 163)` looks like.

```
.text, #text, p{  
    color:rgb(0, 127, 163)  
}
```

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, 127, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 127, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 42.2174, -13.8402, -22.8910 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, 127, 163) }
```


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

```
.border{ border-color:rgb(0, 127, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 127, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 127, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 127, 163);  
box-shadow:4px 4px 4px 4px rgb(0, 127,  
163) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.2174, -13.8402, -22.8910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 127, 163) }
```

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

```
.background{ background-color: rgb(0, 127,  
163) }
```

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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