

Converting Colors

HunterLab(41.2055, -13.1466,
-23.1236)

Have a look what the booklet for
HunterLab(41.2055, -13.1466,
-23.1236) contains.

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Color

**HunterLab(41.2171,
-13.0560, -23.3337)**

Conversions

Conversions Part 1

Format	Color
Hex	007CA1
RGB	0, 124, 161
RGB Percent	0%, 49%, 63%
CMY	0.9999, 0.5137, 0.3686
CMYK	1.00, 0.23, 0.00, 0.37
HSL	194°, 100%, 32%
HSV	194°, 100%, 63%
XYZ	13.6406, 16.9885, 36.2783
YIQ	91.1420, -85.7810, -14.7810

Conversions

Conversions Part 2

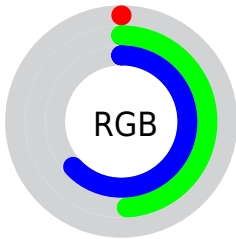
Format	Color
RYB	0, 70, 161
Decimal	31905
CIELab	48.25, -15.14, -27.88
CIELCh	48, 31.728, 241.498
Yxy	16.9891, 0.2039, 0.2539
Android (android.graphics.Color)	4278221985 (0xFF007CA1)
YUV	91.1420, 34.4400, -79.9315
Hunter-Lab	41.2171, -13.0560, -23.3337

Details

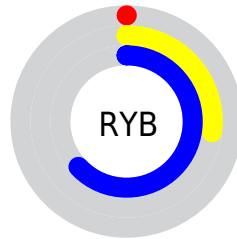
The HunterLab color **41.2171, -13.0560, -23.3337** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **29.8361, 39.6844, 19.0781**, and the grayscale version is **32.2997, -1.7234, 1.7549**.

A 20% lighter version of the original color is **62.0297, -16.0605, -24.1551**, and **24.7715, -5.3292, -19.4580** is the 20% darker color. If you saturate the color by 10%, you get **41.2158, -13.0539, -23.3366**, and if you desaturate by 10%, it is **42.4797, -14.1276, -21.1334**.

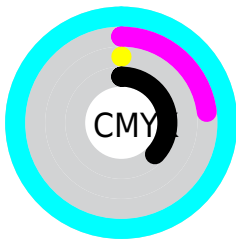
Distribution



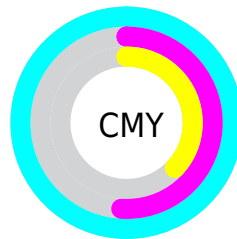
- Red (0%)
- Green (49%)
- Blue (63%)



- Red (0%)
- Yellow (27%)
- Blue (63%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (51%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.2171, -13.0560, -23.3337 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 41.2171, -13.0560, -23.3337 by changing the saturation by 10% instead.

41.2171, -13.0560,
-23.3337

41.2171, -13.0560,
-23.3337

153.3328,
-25.5602, -26.1673

31.9792, -11.5798,
-22.7750

61.8926, -15.9001,
-24.3408

23.5574, -10.0411,
-22.2309

73.2334, -17.2922,
-24.7662

16.0411, -8.4014,
-21.8160

85.1930, -18.6739,
-25.1349

9.5561, -7.4191,
-21.8883

97.7408, -20.0502,
-25.4474

0.0000, NaN, -NF

0.0000, NaN, -NF

110.8506,
-21.4245, -25.7049

0.0000, NaN, NaN

124.4991,

0.0000, NaN, NaN

-22.7996, -25.9093

0.0000, NaN, NaN

138.6660,
-24.1776, -26.0628

■ 41.2171, -13.0560,
-23.3337

■ 41.2171, -13.0560,
-23.3337

■ 41.2158, -13.0539,
-23.3366

■ 42.4797, -14.1276,
-21.1334

■ 43.8462, -14.8254,
-18.8368

■ 45.3501, -15.0247,
-16.4016

■ 46.9957, -14.7122,
-13.8384

■ 48.7833, -13.8944,
-11.1639

■ 50.7100, -12.5919,
-8.3967

■ 52.7715, -10.8341,
-5.5557

■ 54.9619, -8.6553,
-2.6581

■ 57.2748, -6.0919,
0.2809

Harmonies

Analogous

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



41.2178, -20.7593, -11.5799



41.2171, -13.0560, -23.3337



41.2178, -1.5711, -27.7835

Triad

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



41.2178, -13.0557, -23.3329



41.2178, 24.6839, 2.8370



41.2178, -14.0231, 17.3658

Complementary

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



41.2171, -13.0560, -23.3337



29.8361, 39.6844, 19.0781

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.



41.2178, -2.8281, 19.1807



41.2171, -13.0560, -23.3337



41.2178, 20.3607, 12.4914

Square

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



41.2178, -13.0557, -23.3329



41.2178, 21.1201, -10.2266



41.2178, 9.9069, 17.7039



41.2178, -21.2693, 11.7311

Rectangle

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



41.2171, -13.0560, -23.3337



41.2178, 6.9823, -25.2044



41.2178, 9.9069, 17.7039



41.2178, -10.6455, 18.3519

Sweetspot

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



41.2178, -13.0557, -23.3329



70.4565, -14.6509, -7.6576



50.6072, -42.5428, 28.5850



32.4780, -7.3222, -4.2922



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.



41.2178, -13.0557, -23.3329



54.8743, -17.0735, -31.7314



21.2110, 25.1235, -80.7417



27.8099, -2.8550, 0.2372



36.9198, -11.7862, -20.7035



5.9203, -2.4727, -2.0620

Inverse Universe

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



30.0549, 56.3070, -18.1129



40.1802, 75.2173, -23.7058



44.6409, 5.3434, 27.6000



26.7847, 1.7382, -0.1468



26.8703, 50.3650, -16.3478



3.9772, 7.5911, -3.4767

Previews

White Background



This preview shows how the HunterLab color 41.2171, -13.0560, -23.3337 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 41.2171, -13.0560, -23.3337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

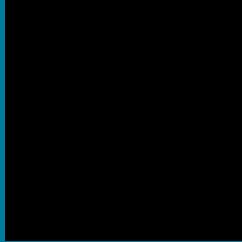
Any Text WCAG AA × Fail

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 41.2171, -13.0560, -23.3337 Background



This preview shows how black text looks on a background with the HunterLab color 41.2171, -13.0560, -23.3337.



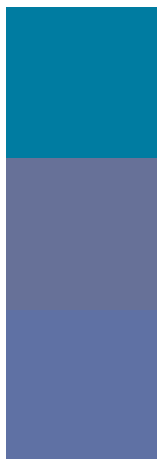
This preview shows how white text looks on a background with the HunterLab color 41.2171,

-13.0560, -23.3337.

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

41.2171, -13.0560, -23.3337

Protanopia

41.1835, 2.3314, -17.3481

Deuteranopia

41.1382, 3.1832, -25.2143



Tritanopia

41.2127, -19.6944, -8.9977

Trichromacy



Original Color

41.2171, -13.0560, -23.3337

Protanomaly

40.3080, -6.2191, -20.8850

Deuteranomaly

40.4074, -5.1765, -26.0344

Tritanomaly

41.2275, -17.3817, -14.0085

Monochromacy



Original Color

41.2171, -13.0560, -23.3337

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

34.4398, -9.7485, -7.3943

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.2171, -13.0560, -23.3337 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, 124, 161)` looks like.

```
.text, #text, p{  
    color:rgb(0, 124, 161)  
}
```

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, 124, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 124, 161) }
```

Border

The CSS property to change the border of an element to HunterLab 41.2171, -13.0560, -23.3337 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, 124, 161) }
```


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

```
.border{ border-color:rgb(0, 124, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 124, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 124, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 124, 161);  
box-shadow:4px 4px 4px 4px rgb(0, 124,  
161) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.2171, -13.0560, -23.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 124, 161) }
```

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

```
.background{ background-color: rgb(0, 124,  
161) }
```

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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