

Converting Colors

HunterLab(37.1926, -31.3841,
2.1690)

Have a look what the booklet for
HunterLab(37.1926, -31.3841,
2.1690) contains.

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Color

**HunterLab(38.8912,
-24.5432, 4.3712)**

Conversions

Conversions Part 1

Format	Color
Hex	007B66
RGB	0, 123, 102
RGB Percent	0%, 48%, 40%
CMY	1.0000, 0.5176, 0.6000
CMYK	1.00, 0.00, 0.17, 0.52
HSL	170°, 100%, 24%
HSV	170°, 100%, 48%
XYZ	9.4813, 15.1253, 14.9902
YIQ	83.8290, -66.5670, -32.6070

Conversions

Conversions Part 2

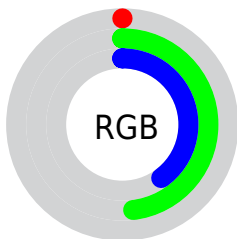
Format	Color
RYB	0, 67, 123
Decimal	31590
CIELab	45.81, -34.51, 3.29
CIELCh	46, 34.670, 174.554
Yxy	15.1258, 0.2394, 0.3820
Android (android.graphics.Color)	4278221670 (0xFF007B66)
YUV	83.8290, 8.9583, -73.5180
Hunter-Lab	38.8912, -24.5432, 4.3712

Details

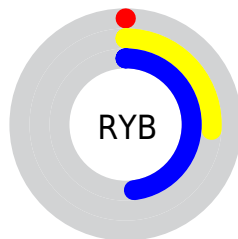
The HunterLab color **38.8912, -24.5432, 4.3712** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **20.6532, 35.6285, 11.3117**, and the grayscale version is **29.7003, -1.5847, 1.6137**.

A 20% lighter version of the original color is **59.1357, -29.7852, 5.7020**, and **22.4520, -14.8666, 4.0298** is the 20% darker color. If you saturate the color by 10%, you get **38.8918, -24.5441, 4.3722**, and if you desaturate by 10%, it is **39.0492, -23.7990, 3.7190**.

Distribution



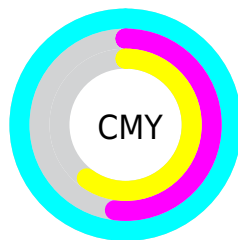
- Red (0%)
- Green (48%)
- Blue (40%)



- Red (0%)
- Yellow (26%)
- Blue (48%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.8912, -24.5432, 4.3712 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 38.8912, -24.5432, 4.3712 by changing the saturation by 10% instead.

■ 38.8912, -24.5432,
4.3712

■ 38.8912, -24.5432,
4.3712

149.7086,
-46.1048, 11.7483

■ 29.8459, -21.6311,
3.6764

■ 59.2231, -29.8735,
5.8374

■ 21.6358, -18.4653,
3.0045

■ 70.4077, -32.3691,
6.6084

■ 14.3575, -14.9231,
2.3518

■ 82.2193, -34.7841,
7.4047

■ 8.0173, -14.0302,
2.1376

■ 94.6261, -37.1350,
8.2257

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.6010,
-39.4339, 9.0710

0.0000, NaN, NaN

■ 121.1201,

0.0000, NaN, NaN

-41.6904, 9.9402

0.0000, NaN, NaN

135.1622,
-43.9120, 10.8328

■ 38.8912, -24.5432,
4.3712

■ 38.8912, -24.5432,
4.3712

■ 38.8918, -24.5441,
4.3722

■ 39.0492, -23.7990,
3.7190

■ 39.2594, -22.8433,
3.1156

■ 39.5566, -21.5454,
2.6060

■ 39.9490, -19.8826,
2.2037

■ 40.4425, -17.8453,
1.9192

■ 41.0409, -15.4346,
1.7599

■ 41.7464, -12.6611,
1.7299

■ 42.5597, -9.5428,
1.8307

■ 43.4804, -6.1037,
2.0614

Harmonies

Analogous

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



38.8919, -20.9177, 13.8160



38.8912, -24.5432, 4.3712



38.8919, -22.8447, -9.5055

Triad

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



38.8919, -24.5434, 4.3716



38.8919, 9.2174, -27.4198



38.8919, 14.0184, 17.2572

Complementary

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



38.8912, -24.5432, 4.3712



20.6532, 35.6285, 11.3117

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.



38.8919, 24.2375, 10.9858



38.8912, -24.5432, 4.3712



38.8919, 21.2132, -14.9450

Square

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



38.8919, -24.5434, 4.3716



38.8919, -4.4920, -31.0327



38.8919, 27.0336, -0.2812



38.8919, 0.3979, 19.4642

Rectangle

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



38.8912, -24.5432, 4.3712



38.8919, -18.7847, -19.2991



38.8919, 27.0336, -0.2812



38.8919, 18.0349, 15.6842

Sweetspot

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



38.8919, -24.5434, 4.3716



55.7880, -17.2358, 2.3118



37.8728, -31.2745, 22.7890



26.9080, -9.0125, 1.1213



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



38.8919, -24.5434, 4.3716



52.0260, -32.9504, 6.1024



27.8915, -5.6115, -22.7470



21.2162, -2.8093, 1.0173



39.5553, -24.9686, 4.4594



86.3274, -54.9181, 10.6506

Inverse Universe

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



20.6532, 35.6285, 11.3117



27.6078, 47.5731, 15.5612



23.7896, 25.0942, 15.0975



20.0629, 0.6886, 1.2707



21.0038, 36.2334, 11.5278



45.7764, 78.7762, 26.6128

Previews

White Background



This preview shows how the HunterLab color 38.8912, -24.5432, 4.3712 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 38.8912, -24.5432, 4.3712 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 38.8912, -24.5432, 4.3712 Background



This preview shows how black text looks on a background with the HunterLab color 38.8912, -24.5432, 4.3712.



This preview shows how white text looks on a background with the HunterLab color 38.8912, -24.5432, 4.3712.

-24.5432, 4.3712.

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

38.8912, -24.5432, 4.3712

Protanopia

38.7866, -2.5588, 7.6677

Deuteranopia

38.8146, 2.2559, 3.1281



Tritanopia

38.9278, -16.3687, -7.9321

Trichromacy



Original Color

38.8912, -24.5432, 4.3712

Protanomaly

37.4847, -14.4775, 4.9565

Deuteranomaly

37.6095, -12.0692, 1.8947

Tritanomaly

38.6614, -19.6423, -3.2860

Monochromacy



Original Color

38.8912, -24.5432, 4.3712

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

32.0118, -12.9501, 1.1674

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.8912, -24.5432, 4.3712 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, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 123, 102)  
}
```

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, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 123, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 38.8912, -24.5432, 4.3712 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, 102) }
```


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

```
.border{ border-color:rgb(0, 123, 102) }
```

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, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 123, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 123, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 123,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.8912, -24.5432, 4.3712 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, 102) }
```

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

```
.background{ background-color: rgb(0, 123,  
102) }
```

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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