

Converting Colors

HunterLab(46.5049, -46.4298,
-21.7416)

Have a look what the booklet for
HunterLab(46.5049, -46.4298,
-21.7416) contains.

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Color

**HunterLab(52.0505,
-24.2041, -12.8087)**

Conversions

Conversions Part 1

Format	Color
Hex	009DAC
RGB	0, 157, 172
RGB Percent	0%, 62%, 67%
CMY	0.9999, 0.3843, 0.3255
CMYK	1.00, 0.09, 0.00, 0.33
HSL	185°, 100%, 34%
HSV	185°, 100%, 67%
XYZ	19.5034, 27.0925, 43.2312
YIQ	111.7670, -98.3870, -28.6190

Conversions

Conversions Part 2

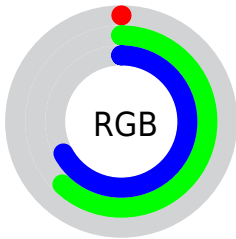
Format	Color
RYB	0, 82, 172
Decimal	40364
CIELab	59.06, -28.62, -17.58
CIELCh	59, 33.590, 211.564
Yxy	27.0935, 0.2171, 0.3016
Android (android.graphics.Color)	4278230444 (0xFF009DAC)
YUV	111.7670, 29.6949, -98.0197
Hunter-Lab	52.0505, -24.2041, -12.8087

Details

The HunterLab color **52.0505, -24.2041, -12.8087** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **30.1885, 48.7824, 19.4541**, and the grayscale version is **40.0849, -2.1388, 2.1779**.

A 20% lighter version of the original color is **74.1705, -28.6611, -12.8912**, and **33.8515, -14.7265, -10.5212** is the 20% darker color. If you saturate the color by 10%, you get **52.0503, -24.2036, -12.8096**, and if you desaturate by 10%, it is **52.6549, -24.3645, -11.9293**.

Distribution



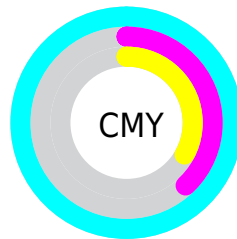
- Red (0%)
- Green (62%)
- Blue (67%)



- Red (0%)
- Yellow (32%)
- Blue (67%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.0505, -24.2041, -12.8087 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 52.0505, -24.2041, -12.8087 by changing the saturation by 10% instead.

■ 52.0505, -24.2041,
-12.8087

■ 52.0505, -24.2041,
-12.8087

169.7379,
-42.4400, -12.3515

■ 42.0041, -21.9115,
-12.5679

■ 74.1848, -28.5370,
-13.0877

■ 32.7022, -19.4957,
-12.2571

■ 86.1934, -30.6148,
-13.1356

■ 24.2109, -16.9071,
-11.8768

■ 98.7880, -32.6502,
-13.1273

■ 16.6167, -14.0628,
-11.4427

■ 111.9424,
-34.6520, -13.0662

■ 10.0417, -13.0448,
-11.0245

■ 125.6339,
-36.6270, -12.9555

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 139.8422,

-38.5805, -12.7979

0.0000, NaN, NaN

154.5489,
-40.5170, -12.5958

0.0000, NaN, NaN

■ 52.0505, -24.2041,
-12.8087

■ 52.0505, -24.2041,
-12.8087

■ 52.0503, -24.2036,
-12.8096

■ 52.6549, -24.3645,
-11.9293

■ 53.3560, -24.1494,
-10.9161

■ 54.1893, -23.4277,
-9.7230

■ 55.1663, -22.1635,
-8.3426

■ 56.2939, -20.3428,
-6.7756

■ 57.5758, -17.9688,
-5.0289

■ 59.0128, -15.0586,
-3.1138

■ 60.6037, -11.6396,
-1.0442

■ 62.3455, -7.7464,
1.1640

Harmonies

Analogous

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



52.0514, -27.5203, 2.1140



52.0505, -24.2041, -12.8087



52.0514, -15.2406, -25.8257

Triad

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



52.0514, -24.2040, -12.8079



52.0514, 23.6819, -11.2290



52.0514, -3.5288, 22.7893

Complementary

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



52.0505, -24.2041, -12.8087



30.1885, 48.7824, 19.4541

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.



52.0514, 10.9753, 20.9897



52.0505, -24.2041, -12.8087



52.0514, 27.6670, 3.5425

Square

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



52.0514, -24.2040, -12.8079



52.0514, 12.4142, -24.7544



52.0514, 22.7901, 14.7529



52.0514, -16.4095, 20.5603

Rectangle

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



52.0505, -24.2041, -12.8087



52.0514, -6.7540, -30.2622



52.0514, 22.7901, 14.7529



52.0514, 1.3167, 22.6388

Sweetspot

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



52.0514, -24.2040, -12.8079



79.3707, -20.5193, -4.3434



54.3492, -46.3886, 32.2101



36.6240, -10.3420, -2.5244



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



52.0514, -24.2040, -12.8079



69.9885, -32.4525, -17.4238



27.5194, 15.0445, -66.8691



29.9179, -3.5773, 0.6306



44.9458, -20.9353, -10.9851



7.7207, -3.7693, -1.5133

Inverse Universe

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



33.4752, 64.5937, -34.7406



45.0675, 86.9411, -46.5494



42.3700, 16.8692, 26.4021



28.5234, 2.0662, -0.6638



28.8832, 55.7490, -30.0622



4.8530, 9.4227, -5.4816

Previews

White Background



This preview shows how the HunterLab color 52.0505, -24.2041, -12.8087 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 52.0505, -24.2041, -12.8087 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

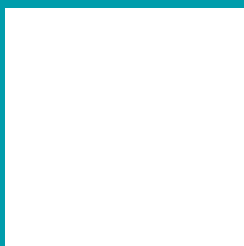
Any Text WCAG AAA × Fail

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

HunterLab 52.0505, -24.2041, -12.8087 Background



This preview shows how black text looks on a background with the HunterLab color 52.0505, -24.2041, -12.8087.



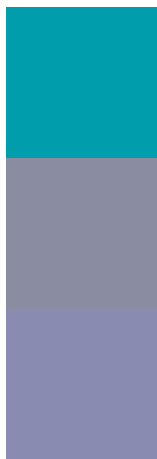
This preview shows how white text looks on a background with the HunterLab color 52.0505, -24.2041, -12.8087.

-24.2041, -12.8087.

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

52.0505, -24.2041, -12.8087

Protanopia

51.7036, 0.2895, -6.8010

Deuteranopia

51.8827, 3.4241, -14.9086



Tritanopia

51.9771, -24.6364, -11.7841

Trichromacy



Original Color

52.0505, -24.2041, -12.8087

Protanomaly

50.3479, -13.3203, -11.1287

Deuteranomaly

50.6746, -11.3720, -16.4264

Tritanomaly

52.0137, -24.4209, -12.2948

Monochromacy



Original Color

52.0505, -24.2041, -12.8087

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

43.0107, -14.5904, -4.8434

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.0505, -24.2041, -12.8087 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, 157, 172)` looks like.

```
.text, #text, p{  
    color:rgb(0, 157, 172)  
}
```

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, 157, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 157, 172) }
```

Border

The CSS property to change the border of an element to HunterLab 52.0505, -24.2041, -12.8087 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, 157, 172) }
```


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

```
.border{ border-color:rgb(0, 157, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 157, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 157, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 157, 172);  
box-shadow:4px 4px 4px 4px rgb(0, 157,  
172) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.0505, -24.2041, -12.8087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 157, 172) }
```

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

```
.background{ background-color: rgb(0, 157,  
172) }
```

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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