

Converting Colors

HunterLab(22.1704, -17.5626,
-3.6599)

Have a look what the booklet for
HunterLab(22.1704, -17.5626,
-3.6599) contains.

HunterLab(23.4802, -12.8204, -1.6726)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(23.4802,
-12.8204, -1.6726)**

Conversions

Conversions Part 1

Format	Color
Hex	004B49
RGB	0, 75, 73
RGB Percent	0%, 29%, 29%
CMY	1.0000, 0.7059, 0.7137
CMYK	1.00, 0.00, 0.03, 0.71
HSL	178°, 100%, 15%
HSV	178°, 100%, 29%
XYZ	3.7187, 5.5132, 7.1715
YIQ	52.3470, -44.0580, -16.5220

Conversions

Conversions Part 2

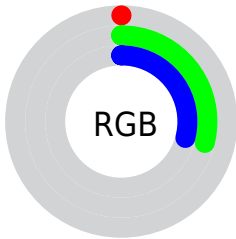
Format	Color
RYB	0, 38, 75
Decimal	19273
CIELab	28.15, -20.56, -4.65
CIELCh	28, 21.078, 192.742
Yxy	5.5134, 0.2267, 0.3361
Android (android.graphics.Color)	4278209353 (0xFF004B49)
YUV	52.3470, 10.1819, -45.9083
Hunter-Lab	23.4802, -12.8204, -1.6726

Details

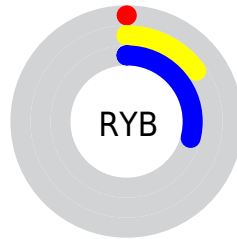
The HunterLab color **23.4802, -12.8204, -1.6726** is a dark color, and the websafe version is hex **003333**, and the color name is [deep jungle green](#). A complement of this color would be **12.2492, 21.0105, 7.6369**, and the grayscale version is **18.6262, -0.9938, 1.0120**.

A 20% lighter version of the original color is **41.0518, -16.5811, -1.1200**, and **10.3377, -5.8011, -0.3982** is the 20% darker color. If you saturate the color by 10%, you get **23.4806, -12.8208, -1.6723**, and if you desaturate by 10%, it is **23.5891, -12.3795, -1.6121**.

Distribution



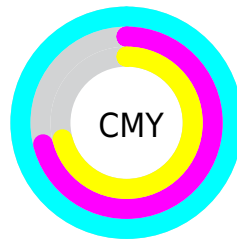
- Red (0%)
- Green (29%)
- Blue (29%)



- Red (0%)
- Yellow (15%)
- Blue (29%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (71%)



- Cyan (100%)
- Magenta (71%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.4802, -12.8204, -1.6726 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 23.4802, -12.8204, -1.6726 by changing the saturation by 10% instead.

■ 23.4802, -12.8204,
-1.6726

■ 23.4802, -12.8204,
-1.6726

■ 124.3653,
-28.3571, 1.8303

■ 15.9735, -10.6960,
-1.7711

■ 41.1253, -16.6309,
-1.2519

■ 9.4993, -9.9397,
-1.7749

■ 51.1070, -18.4084,
-0.9499

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 61.7866, -20.1334,
-0.5953

0.0000, NaN, NaN

■ 73.1213, -21.8203,
-0.1928

0.0000, NaN, NaN

■ 85.0751, -23.4795,
0.2538

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.6174, -25.1185,

0.7415

0.0000, NaN, NaN

■ 110.7219,
-26.7429, 1.2677

■ 23.4802, -12.8204,
-1.6726

■ 23.4802, -12.8204,
-1.6726

■ 23.4806, -12.8208,
-1.6723

■ 23.5891, -12.3795,
-1.6121

■ 23.7072, -11.9033,
-1.5391

■ 23.8700, -11.2553,
-1.4058

■ 24.0835, -10.4160,
-1.2050

■ 24.3505, -9.3812,
-0.9343

■ 24.6728, -8.1512,
-0.5932

■ 25.0514, -6.7302,
-0.1825

■ 25.4867, -5.1263,
0.2957

■ 25.9786, -3.3500,
0.8384

Harmonies

Analogous

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



23.4806, -12.6051, 4.7153



23.4802, -12.8204, -1.6726



23.4806, -10.2061, -8.9747

Triad

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



23.4806, -12.8204, -1.6723



23.4806, 8.4220, -9.9776



23.4806, 2.8033, 10.4036

Complementary

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



23.4802, -12.8204, -1.6726



12.2492, 21.0105, 7.6369

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.



23.4806, 9.2794, 8.3188



23.4802, -12.8204, -1.6726



23.4806, 12.7710, -2.7728

Square

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



23.4806, -12.8204, -1.6723



23.4806, 1.7374, -14.6192



23.4806, 13.1017, 3.8893



23.4806, -4.1030, 10.5415

Rectangle

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



23.4802, -12.8204, -1.6726



23.4806, -7.0142, -12.8968



23.4806, 13.1017, 3.8893



23.4806, 5.1210, 9.9425

Sweetspot

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



23.4806, -12.8204, -1.6723



32.5585, -8.9811, -0.3017



22.4689, -19.0820, 13.5107



16.2960, -4.7055, -0.2086



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



23.4806, -12.8204, -1.6723



30.5692, -16.7089, -2.1390



14.2332, 0.5378, -18.9499



13.7496, -1.6394, 0.4824



32.2629, -17.6381, -2.2503



78.5263, -43.0225, -5.2777

Inverse Universe

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



12.2492, 21.0105, 7.6369



15.9423, 27.3372, 10.0261



16.4261, 9.3197, 10.2843



13.0534, 0.2562, 0.9915



16.8248, 28.8485, 10.5970



40.9314, 70.1291, 26.1948

Previews

White Background



This preview shows how the HunterLab color 23.4802, -12.8204, -1.6726 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 23.4802, -12.8204, -1.6726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

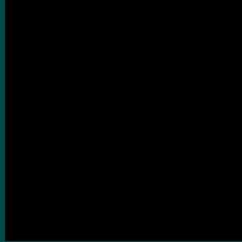
Any Text WCAG AA × Fail

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 23.4802, -12.8204, -1.6726 Background



This preview shows how black text looks on a background with the HunterLab color 23.4802, -12.8204, -1.6726.



This preview shows how white text looks on a background with the HunterLab color 23.4802,

-12.8204, -1.6726.

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

23.4802, -12.8204, -1.6726

Protanopia

23.5430, -0.4439, 0.7267

Deuteranopia

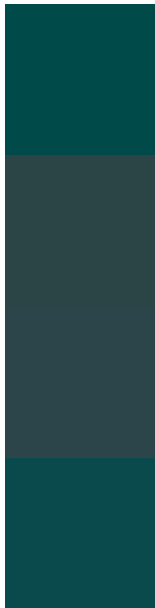
23.5665, 1.2849, -2.2030



Tritanopia

23.6184, -10.3931, -4.6803

Trichromacy



Original Color

23.4802, -12.8204, -1.6726

Protanomaly

22.8299, -6.8802, -1.1009

Deuteranomaly

22.9916, -6.0527, -2.6454

Tritanomaly

23.4476, -11.2409, -3.5023

Monochromacy



Original Color

23.4802, -12.8204, -1.6726

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

19.7010, -6.7638, -0.8442

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.4802, -12.8204, -1.6726 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, 75, 73)` looks like.

```
.text, #text, p{  
    color:rgb(0, 75, 73)  
}
```

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, 75, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 75, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 23.4802, -12.8204, -1.6726 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, 75, 73) }
```


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

```
.border{ border-color:rgb(0, 75, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 75, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 75, 73); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 75, 73); box-shadow:4px  
4px 4px 4px rgb(0, 75, 73) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.4802, -12.8204, -1.6726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 75, 73) }
```

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

```
.background{ background-color: rgb(0, 75,  
73) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor