

Converting Colors

HunterLab(24.3345, -16.6768,
5.5760)

Have a look what the booklet for
HunterLab(24.3345, -16.6768,
5.5760) contains.

HunterLab(24.2435, -16.5843, 5.4985)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**HunterLab(24.2435,
-16.5843, 5.4985)**

Conversions

Conversions Part 1

Format	Color
Hex	004F38
RGB	0, 79, 56
RGB Percent	0%, 31%, 22%
CMY	1.0000, 0.6902, 0.7804
CMYK	1.00, 0.00, 0.29, 0.69
HSL	163°, 100%, 15%
HSV	163°, 100%, 31%
XYZ	3.5098, 5.8775, 4.6908
YIQ	52.7570, -39.7010, -23.9010

Conversions

Conversions Part 2

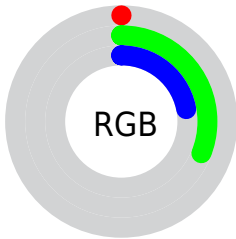
Format	Color
RYB	0, 46, 79
Decimal	20280
CIELab	29.10, -27.90, 7.65
CIELCh	29, 28.930, 164.669
Yxy	5.8777, 0.2493, 0.4175
Android (android.graphics.Color)	4278210360 (0xFF004F38)
YUV	52.7570, 1.5988, -46.2679
Hunter-Lab	24.2435, -16.5843, 5.4985

Details

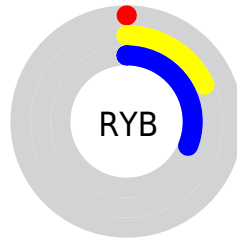
The HunterLab color **24.2435, -16.5843, 5.4985** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **13.1311, 22.9573, 4.8323**, and the grayscale version is **18.7912, -1.0027, 1.0210**.

A 20% lighter version of the original color is **42.0760, -21.5159, 7.4687**, and **11.0956, -8.5795, 4.6522** is the 20% darker color. If you saturate the color by 10%, you get **24.2439, -16.5848, 5.4989**, and if you desaturate by 10%, it is **24.3961, -15.8671, 4.9287**.

Distribution



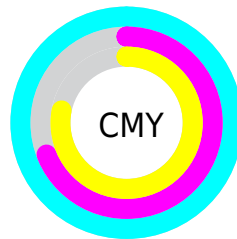
- Red (0%)
- Green (31%)
- Blue (22%)



- Red (0%)
- Yellow (18%)
- Blue (31%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.2435, -16.5843, 5.4985 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 24.2435, -16.5843, 5.4985 by changing the saturation by 10% instead.

■ 24.2435, -16.5843,
5.4985

■ 24.2435, -16.5843,
5.4985

■ 125.6912,
-35.9191, 14.5755

■ 16.6459, -13.8086,
4.4872

■ 42.0439, -21.4771,
7.4678

■ 10.0663, -12.7110,
3.7340

■ 52.0941, -23.7221,
8.4502

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.8378, -25.8795,
9.4395

0.0000, NaN, NaN

■ 74.2328, -27.9705,
10.4392

0.0000, NaN, NaN

■ 86.2439, -30.0101,
11.4513

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.8408, -32.0094,

12.4775

0.0000, NaN, NaN

■ 111.9975,
-33.9769, 13.5186

■ 24.2435, -16.5843,
5.4985

■ 24.2435, -16.5843,
5.4985

■ 24.2439, -16.5848,
5.4989

■ 24.3961, -15.8671,
4.9287

■ 24.5626, -15.0932,
4.3499

■ 24.7800, -14.1179,
3.8051

■ 25.0538, -12.9267,
3.3042

■ 25.3864, -11.5180,
2.8543

■ 25.7795, -9.8960,
2.4610

■ 26.2339, -8.0690,
2.1285

■ 26.7498, -6.0493,
1.8598

■ 27.3264, -3.8512,
1.6565

Harmonies

Analogous

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



24.2440, -12.9009, 10.7457



24.2435, -16.5843, 5.4985



24.2440, -16.6247, -3.5339

Triad

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



24.2440, -16.5845, 5.4987



24.2440, 3.5328, -22.3909



24.2440, 13.1954, 10.6682

Complementary

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



24.2435, -16.5843, 5.4985



13.1311, 22.9573, 4.8323

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.



24.2440, 19.1498, 5.3396



24.2435, -16.5843, 5.4985



24.2440, 13.0123, -14.6802

Square

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



24.2440, -16.5845, 5.4987



24.2440, -5.9614, -22.2945



24.2440, 19.0780, -3.7680



24.2440, 3.7536, 12.8447

Rectangle

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



24.2435, -16.5843, 5.4985



24.2440, -14.6246, -10.8682



24.2440, 19.0780, -3.7680



24.2440, 15.7317, 9.3018

Sweetspot

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



24.2440, -16.5845, 5.4987



34.1313, -10.7832, 2.8167



24.0473, -18.5838, 14.4923



16.9694, -5.6511, 1.4509



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



24.2440, -16.5845, 5.4987



31.5826, -21.7486, 7.4734



20.3518, -7.5487, -9.1420



13.7261, -1.7700, 0.8181



76.7780, -53.5948, 19.7300

Inverse Universe

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



13.1311, 22.9573, 4.8323



17.0792, 29.7884, 6.8515



14.2376, 17.7980, 9.0844



13.0764, 0.3805, 0.6629



41.4047, 71.8803, 19.2083

Previews

White Background



This preview shows how the HunterLab color 24.2435, -16.5843, 5.4985 looks on a white background.

Color Contrast Check

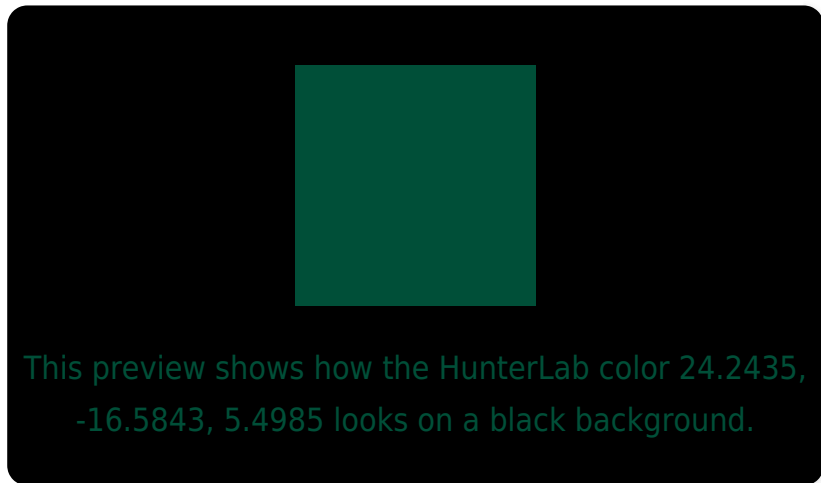
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 24.2435, -16.5843, 5.4985 Background



This preview shows how black text looks on a background with the HunterLab color 24.2435, -16.5843, 5.4985.



This preview shows how white text looks on a background with the HunterLab color 24.2435,

-16.5843, 5.4985.

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

24.2435, -16.5843, 5.4985

Protanopia

24.3949, -2.0833, 7.3835

Deuteranopia

24.2373, 1.4936, 4.8393



Tritanopia

24.4902, -9.8153, -4.4068

Trichromacy



Original Color

24.2435, -16.5843, 5.4985

Protanomaly

23.7202, -9.9236, 6.0236

Deuteranomaly

23.4309, -7.9996, 4.1687

Tritanomaly

24.3063, -12.5173, -0.6173

Monochromacy



Original Color

24.2435, -16.5843, 5.4985

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

20.1288, -8.1945, 1.9798

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.2435, -16.5843, 5.4985 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, 79, 56)` looks like.

```
.text, #text, p{  
    color:rgb(0, 79, 56)  
}
```

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, 79, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 79, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 24.2435, -16.5843, 5.4985 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, 79, 56) }
```

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

```
.border{ border-color:rgb(0, 79, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 79, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 79, 56); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 79, 56); box-shadow:4px  
4px 4px 4px rgb(0, 79, 56) }
```

Background

The CSS property to change the background color of an element to HunterLab 24.2435, -16.5843, 5.4985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 79, 56) }
```

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

```
.background{ background-color: rgb(0, 79,  
56) }
```

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