

Converting Colors

HunterLab(23.9689, -18.9513,
9.2590)

Have a look what the booklet for
HunterLab(23.9689, -18.9513,
9.2590) contains.

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Color

**HunterLab(23.9835,
-18.1827, 9.2741)**

Conversions

Conversions Part 1

Format	Color
Hex	004F29
RGB	0, 79, 41
RGB Percent	0%, 31%, 16%
CMY	1.0000, 0.6902, 0.8392
CMYK	1.00, 0.00, 0.48, 0.69
HSL	151°, 100%, 15%
HSV	151°, 100%, 31%
XYZ	3.1962, 5.7521, 3.0396
YIQ	51.0470, -34.8860, -28.5660

Conversions

Conversions Part 2

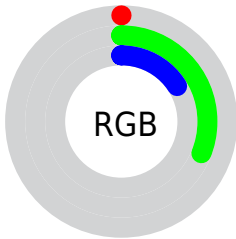
Format	Color
RYB	0, 52, 79
Decimal	20265
CIELab	28.78, -31.62, 16.53
CIELCh	29, 35.683, 152.399
Yxy	5.7523, 0.2666, 0.4798
Android (android.graphics.Color)	4278210345 (0xFF004F29)
YUV	51.0470, -4.9532, -44.7682
Hunter-Lab	23.9835, -18.1827, 9.2741

Details

The HunterLab color **23.9835, -18.1827, 9.2741** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **13.4252, 24.0324, 0.5938**, and the grayscale version is **18.2357, -0.9730, 0.9908**.

A 20% lighter version of the original color is **41.7286, -23.5877, 12.4885**, and **10.9639, -9.4015, 6.5913** is the 20% darker color. If you saturate the color by 10%, you get **23.9839, -18.1832, 9.2745**, and if you desaturate by 10%, it is **24.1477, -17.3855, 8.5289**.

Distribution



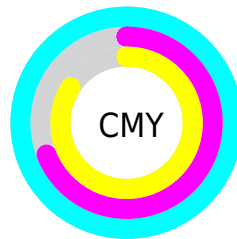
- Red (0%)
- Green (31%)
- Blue (16%)



- Red (0%)
- Yellow (20%)
- Blue (31%)



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.9835, -18.1827, 9.2741 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 23.9835, -18.1827, 9.2741 by changing the saturation by 10% instead.

■ 23.9835, -18.1827,
9.2741

■ 23.9835, -18.1827,
9.2741

■ 125.2406,
-39.5322, 22.8751

■ 16.4166, -15.0458,
7.4648

■ 41.7313, -23.6623,
12.5515

■ 9.8726, -14.5327,
6.9108

■ 51.7584, -26.1567,
14.0933

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.4804, -28.5433,
15.5976

0.0000, NaN, NaN

■ 73.8550, -30.8471,
17.0764


0.0000, NaN, NaN


■ 85.8466, -33.0861,
18.5381


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 98.4250, -35.2736,


 111.5640,
-37.4197, 21.4334


 23.9835, -18.1827,
9.2741


 23.9835, -18.1827,
9.2741


 23.9839, -18.1832,
9.2745

 24.1477, -17.3855,
8.5289

 24.3290, -16.5119,
7.7281

 24.5649, -15.4145,
6.9106

 24.8605, -14.0801,
6.0877

 25.2184, -12.5094,
5.2691

■ 25.6400, -10.7093,
4.4636

■ 26.1257, -8.6913,
3.6793

■ 26.6755, -6.4703,
2.9233

■ 27.2883, -4.0639,
2.2016

Harmonies

Analogous

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



23.9840, -12.2148, 13.2785



23.9835, -18.1827, 9.2741



23.9840, -19.9208, 0.3896

Triad

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



23.9840, -18.1829, 9.2743



23.9840, -0.3292, -31.5735



23.9840, 20.9033, 10.1949

Complementary

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



23.9835, -18.1827, 9.2741



13.4252, 24.0324, 0.5938

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.



23.9840, 25.6886, 2.1867



23.9835, -18.1827, 9.2741



23.9840, 12.0484, -24.8150

Square

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



23.9840, -18.1829, 9.2743



23.9840, -10.8671, -26.5757



23.9840, 22.1741, -10.9232



23.9840, 10.0964, 13.6021

Rectangle

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



23.9835, -18.1827, 9.2741



23.9840, -18.7832, -8.4002



23.9840, 22.1741, -10.9232



23.9840, 23.3540, 8.1298

Sweetspot

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



23.9840, -18.1829, 9.2743



33.9856, -11.6212, 4.9028



24.5108, -16.6602, 14.8116



16.8922, -6.0972, 2.5581



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.



23.9840, -18.1829, 9.2743



31.2397, -23.8574, 12.4544



24.4309, -12.6999, -3.1206



13.7095, -1.8619, 1.0541



75.9277, -58.8337, 32.1021

Inverse Universe

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



13.4252, 24.0324, 0.5938



17.4559, 31.1672, 1.4081



13.0038, 21.7033, 8.3925



13.0933, 0.4717, 0.4219



42.2786, 75.0865, 6.5204

Previews

White Background



This preview shows how the HunterLab color 23.9835, -18.1827, 9.2741 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 23.9835, -18.1827, 9.2741 Background



This preview shows how black text looks on a background with the HunterLab color 23.9835, -18.1827, 9.2741.



This preview shows how white text looks on a background with the HunterLab color 23.9835,

-18.1827, 9.2741.

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

23.9835, -18.1827, 9.2741

Protanopia

24.0076, -2.5871, 10.4256

Deuteranopia

23.9923, 1.3480, 8.9189



Tritanopia

24.2946, -9.1829, -4.1886

Trichromacy



Original Color

23.9835, -18.1827, 9.2741

Protanomaly

23.2445, -10.8352, 9.4561

Deuteranomaly

22.9887, -8.8424, 8.1162

Tritanomaly

23.8761, -13.1021, 1.6837

Monochromacy



Original Color

23.9835, -18.1827, 9.2741

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

19.6209, -9.0685, 3.8050

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.9835, -18.1827, 9.2741 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, 41)` looks like.

```
.text, #text, p{  
    color:rgb(0, 79, 41)  
}
```

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, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 79, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 23.9835, -18.1827, 9.2741 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, 41) }
```

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

```
.border{ border-color:rgb(0, 79, 41) }
```

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, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 79, 41); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 79, 41); box-shadow:4px  
4px 4px 4px rgb(0, 79, 41) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.9835, -18.1827, 9.2741 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, 41) }
```

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

```
.background{ background-color: rgb(0, 79,  
41) }
```

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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