

Converting Colors

HunterLab(23.2522, -18.0041,
9.8023)

Have a look what the booklet for
HunterLab(23.2522, -18.0041,
9.8023) contains.

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Color

**HunterLab(23.3134,
-18.0407, 9.8050)**

Conversions

Conversions Part 1

Format	Color
Hex	004D24
RGB	0, 77, 36
RGB Percent	0%, 30%, 14%
CMY	1.0000, 0.6980, 0.8588
CMYK	1.00, 0.00, 0.53, 0.70
HSL	148°, 100%, 15%
HSV	148°, 100%, 30%
XYZ	2.9723, 5.4351, 2.5615
YIQ	49.3030, -32.7310, -29.0750

Conversions

Conversions Part 2

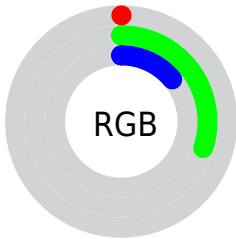
Format	Color
RYB	0, 52, 77
Decimal	19748
CIELab	27.94, -31.87, 18.45
CIELCh	28, 36.826, 149.930
Yxy	5.4354, 0.2710, 0.4955
Android (android.graphics.Color)	4278209828 (0xFF004D24)
YUV	49.3030, -6.5584, -43.2387
Hunter-Lab	23.3134, -18.0407, 9.8050

Details

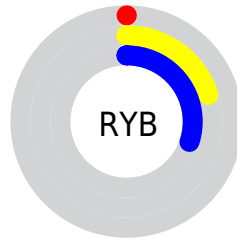
The HunterLab color **23.3134, -18.0407, 9.8050** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **13.1833, 23.7905, -0.8954**, and the grayscale version is **17.6560, -0.9421, 0.9593**.

A 20% lighter version of the original color is **40.9450, -23.7033, 13.5428**, and **10.6961, -9.1719, 6.4303** is the 20% darker color. If you saturate the color by 10%, you get **23.3138, -18.0411, 9.8053**, and if you desaturate by 10%, it is **23.4767, -17.2470, 9.0716**.

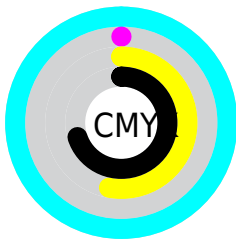
Distribution



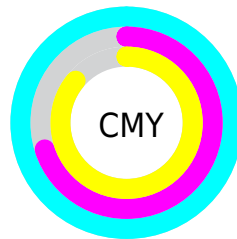
- Red (0%)
- Green (30%)
- Blue (14%)



- Red (0%)
- Yellow (20%)
- Blue (30%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (70%)



- Cyan (100%)
- Magenta (70%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.3134, -18.0407, 9.8050 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 23.3134, -18.0407, 9.8050 by changing the saturation by 10% instead.

■ 23.3134, -18.0407,
9.8050

■ 23.3134, -18.0407,
9.8050

■ 124.0744,
-39.5988, 24.4604

■ 15.8269, -14.8486,
7.8101

■ 40.9242, -23.5942,
13.3969

■ 9.3760, -15.3124,
6.5632

■ 50.8908, -26.1158,
15.0704

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.5563, -28.5256,
16.6947

0.0000, NaN, NaN

■ 72.8776, -30.8499,
18.2841

0.0000, NaN, NaN

■ 84.8187, -33.1071,
19.8488


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 97.3490, -35.3111,


21.3963


0.0000, NaN, NaN


 110.4420,
-37.4723, 22.9321


 23.3134, -18.0407,
9.8050


 23.3134, -18.0407,
9.8050


 23.3138, -18.0411,
9.8053

 23.4767, -17.2470,
9.0716

 23.6565, -16.3779,
8.2682

 23.8898, -15.2866,
7.4320

 24.1822, -13.9589,
6.5743

 24.5359, -12.3964,
5.7047

■ 24.9523, -10.6062,
4.8325

■ 25.4318, -8.6003,
3.9665

■ 25.9741, -6.3941,
3.1146

■ 26.5782, -4.0053,
2.2838

Harmonies

Analogous

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



23.3139, -11.6764, 13.4023



23.3134, -18.0407, 9.8050



23.3139, -20.1221, 1.2957

Triad

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



23.3139, -18.0409, 9.8051



23.3139, -1.2732, -33.0763



23.3139, 22.3084, 9.7787

Complementary

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



23.3134, -18.0407, 9.8050



13.1833, 23.7905, -0.8954

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.



23.3139, 26.6038, 1.2424



23.3134, -18.0407, 9.8050



23.3139, 11.4195, -26.8897

Square

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



23.3139, -18.0409, 9.8051



23.3139, -11.7159, -26.8359



23.3139, 22.2702, -12.6239



23.3139, 11.4780, 13.3933

Rectangle

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



23.3134, -18.0407, 9.8050



23.3139, -19.2124, -7.5207



23.3139, 22.2702, -12.6239



23.3139, 24.6515, 7.5794

Sweetspot

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



23.3139, -18.0409, 9.8051



33.0610, -11.5005, 5.2891



24.0433, -15.5630, 14.5428



16.8723, -6.2123, 2.8438



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.



23.3139, -18.0409, 9.8051



30.3486, -23.6573, 13.1361



24.1004, -13.2551, -1.5093



13.7051, -1.8865, 1.1173



31.1666, -24.3104, 13.5235



75.7519, -59.9249, 34.6773

Inverse Universe

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



13.1833, 23.7905, -0.8954



17.1309, 30.8352, -0.5422



12.5837, 21.5941, 7.7846



13.0979, 0.4967, 0.3558



17.5899, 31.6542, -0.5006



42.6034, 76.2695, 1.8720

Previews

White Background



This preview shows how the HunterLab color 23.3134, -18.0407, 9.8050 looks on a white background.

Color Contrast Check

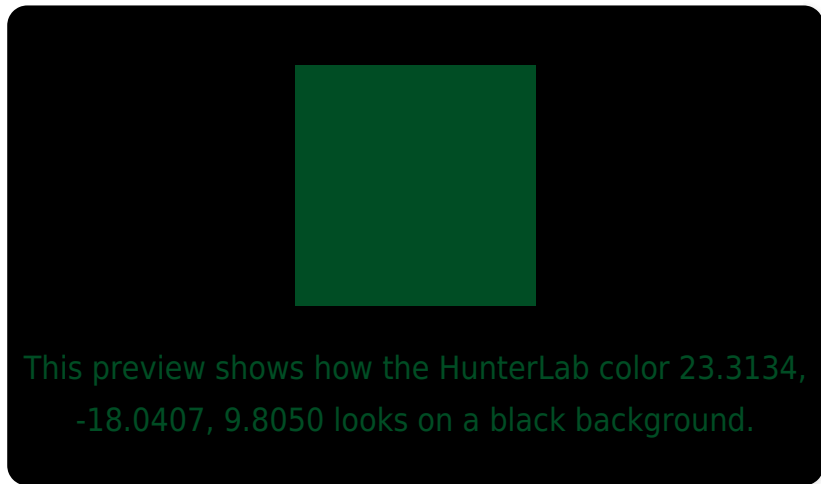
Large Text (above 18pt) WCAG AA ✓ Pass

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

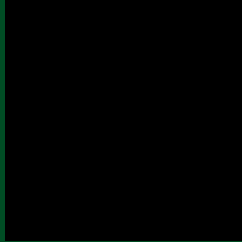
Any Text WCAG AA × Fail

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 23.3134, -18.0407, 9.8050 Background



This preview shows how black text looks on a background with the HunterLab color 23.3134, -18.0407, 9.8050.



This preview shows how white text looks on a background with the HunterLab color 23.3134,

-18.0407, 9.8050.

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

23.3134, -18.0407, 9.8050

Protanopia

23.2748, -2.7178, 10.8133

Deuteranopia

23.2673, 1.2370, 9.2434



Tritanopia

23.3684, -8.5995, -4.0384

Trichromacy



Original Color

23.3134, -18.0407, 9.8050

Protanomaly

22.5188, -10.9400, 9.8961

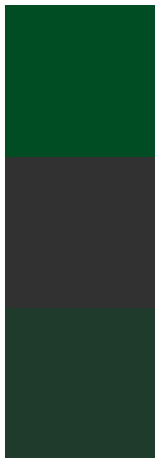
Deuteranomaly

22.3261, -8.7005, 8.5075

Tritanomaly

23.2269, -12.8691, 2.0829

Monochromacy



Original Color

23.3134, -18.0407, 9.8050

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

18.9765, -8.9061, 4.0923

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.3134, -18.0407, 9.8050 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, 77, 36)` looks like.

```
.text, #text, p{  
    color:rgb(0, 77, 36)  
}
```

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, 77, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 77, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 23.3134, -18.0407, 9.8050 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, 77, 36) }
```


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

```
.border{ border-color:rgb(0, 77, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 77, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 77, 36); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 77, 36); box-shadow:4px  
4px 4px 4px rgb(0, 77, 36) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.3134, -18.0407, 9.8050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 77, 36) }
```

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

```
.background{ background-color: rgb(0, 77,  
36) }
```

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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