

Converting Colors

HunterLab(18.4416, -12.9035,
4.8046)

Have a look what the booklet for
HunterLab(18.4416, -12.9035,
4.8046) contains.

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Color

**HunterLab(18.3981,
-12.8037, 4.6434)**

Conversions

Conversions Part 1

Format	Color
Hex	003C28
RGB	0, 60, 40
RGB Percent	0%, 24%, 16%
CMY	1.0000, 0.7647, 0.8431
CMYK	1.00, 0.00, 0.33, 0.76
HSL	160°, 100%, 12%
HSV	160°, 100%, 24%
XYZ	1.9988, 3.3849, 2.5555
YIQ	39.7800, -29.3400, -18.9400

Conversions

Conversions Part 2

Format	Color
RYB	0, 36, 60
Decimal	15400
CIELab	21.52, -23.73, 7.43
CIELCh	22, 24.866, 162.604
Yxy	3.3850, 0.2518, 0.4264
Android (android.graphics.Color)	4278205480 (0xFF003C28)
YUV	39.7800, 0.1085, -34.8871
Hunter-Lab	18.3981, -12.8037, 4.6434

Details

The HunterLab color **18.3981, -12.8037, 4.6434** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10.0560, 17.7228, 2.6041**, and the grayscale version is **14.5024, -0.7738, 0.7879**.

A 20% lighter version of the original color is **34.9188, -17.2594, 6.6220**, and **4.6592, -3.9953, 2.8010** is the 20% darker color. If you saturate the color by 10%, you get **18.3984, -12.8040, 4.6436**, and if you desaturate by 10%, it is **18.5411, -12.1434, 4.2075**.

Distribution



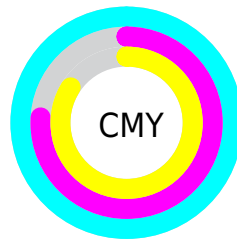
- Red (0%)
- Green (24%)
- Blue (16%)



- Red (0%)
- Yellow (14%)
- Blue (24%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (76%)



- Cyan (100%)
- Magenta (76%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.3981, -12.8037, 4.6434 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 18.3981, -12.8037, 4.6434 by changing the saturation by 10% instead.

■ 18.3981, -12.8037,
4.6434

■ 18.3981, -12.8037,
4.6434

■ 115.2663,
-30.4049, 13.5702

■ 11.5581, -10.4452,
3.6310

■ 34.9212, -17.2989,
6.6000

■ 4.1079, -7.1888,
2.8755

■ 44.4123, -19.3394,
7.5669

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.6348, -21.2955,
8.5380

0.0000, NaN, NaN

■ 65.5399, -23.1899,
9.5179

0.0000, NaN, NaN

■ 77.0872, -25.0382,
10.5095


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 89.2427, -26.8515,


11.5146


0.0000, NaN, NaN


 101.9775,
-28.6383, 12.5346


 18.3981, -12.8037,
4.6434

 18.3981, -12.8037,
4.6434


 18.3984, -12.8040,
4.6436

 18.5411, -12.1434,
4.2075

 18.6865, -11.4743,
3.7529

 18.8619, -10.6880,
3.3103

 19.0773, -9.7489,
2.8938

 19.3343, -8.6575,
2.5081

■ 19.6338, -7.4177,
2.1573

■ 19.9761, -6.0360,
1.8446

■ 20.3612, -4.5212,
1.5723

■ 20.7886, -2.8835,
1.3421

Harmonies

Analogous

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



18.3985, -9.7490, 8.4990



18.3981, -12.8037, 4.6434



18.3985, -13.0298, -2.2444

Triad

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



18.3985, -12.8038, 4.6436



18.3985, 2.2653, -18.0033



18.3985, 10.8583, 8.0692

Complementary

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



18.3981, -12.8037, 4.6434



10.0560, 17.7228, 2.6041

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.



18.3985, 15.2803, 3.7462



18.3981, -12.8037, 4.6434



18.3985, 9.8120, -12.1994

Square

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



18.3985, -12.8038, 4.6436



18.3985, -5.0922, -17.4462



18.3985, 14.8694, -3.5816



18.3985, 3.5225, 9.8639

Rectangle

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



18.3981, -12.8037, 4.6434



18.3985, -11.6077, -8.0114



18.3985, 14.8694, -3.5816



18.3985, 12.7838, 6.9580

Sweetspot

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



18.3985, -12.8038, 4.6436



26.2254, -8.2173, 2.4839



18.4154, -13.5660, 11.1099



13.8562, -4.5144, 1.3502



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



18.3985, -12.8038, 4.6436



24.1939, -16.9942, 6.4453



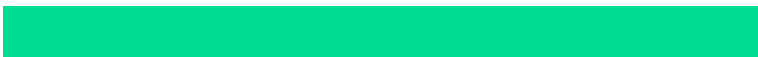
16.4134, -6.9782, -5.4512



11.3633, -1.4281, 0.7140



29.0268, -20.4905, 7.9521



73.6870, -52.8435, 21.9717

Inverse Universe

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



10.0560, 17.7228, 2.6041



13.1931, 23.1708, 4.0503



10.7522, 13.7429, 6.8658



10.8653, 0.2712, 0.5114



15.8100, 27.7159, 5.2481



39.9996, 69.7350, 16.2779

Previews

White Background



This preview shows how the HunterLab color 18.3981, -12.8037, 4.6434 looks on a white background.

Color Contrast Check

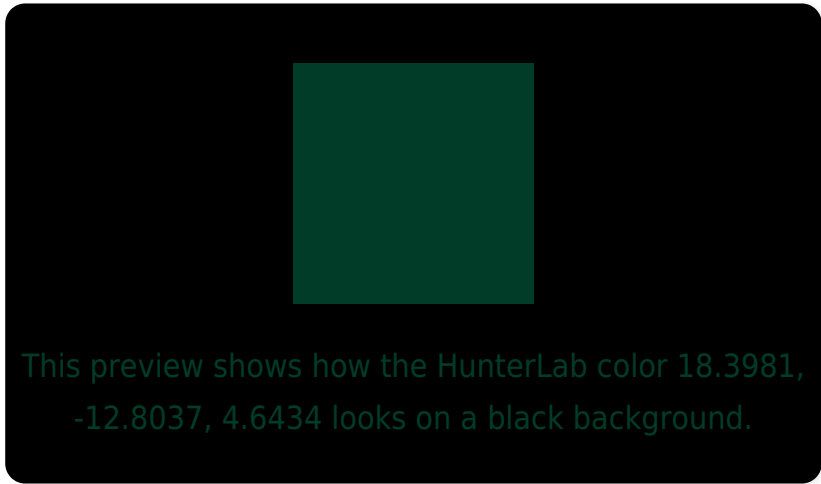
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3981, -12.8037, 4.6434 Background



This preview shows how black text looks on a background with the HunterLab color 18.3981, -12.8037, 4.6434.



This preview shows how white text looks on a background with the HunterLab color 18.3981,

-12.8037, 4.6434.

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

18.3981, -12.8037, 4.6434

Protanopia

18.5211, -1.6407, 5.7809

Deuteranopia

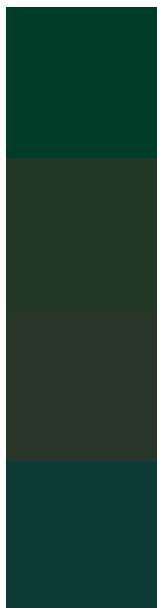
18.5485, 1.0584, 4.4462



Tritanopia

18.5297, -6.9771, -3.2868

Trichromacy



Original Color

18.3981, -12.8037, 4.6434

Protanomaly

18.0205, -7.3311, 4.9426

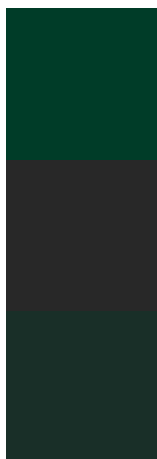
Deuteranomaly

17.9715, -6.0620, 4.0469

Tritanomaly

18.3794, -9.3904, -0.0976

Monochromacy



Original Color

18.3981, -12.8037, 4.6434

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

15.4690, -6.2954, 1.7274

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.3981, -12.8037, 4.6434 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, 60, 40)` looks like.

```
.text, #text, p{  
    color:rgb(0, 60, 40)  
}
```

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, 60, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 60, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 18.3981, -12.8037, 4.6434 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, 60, 40) }
```


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

```
.border{ border-color:rgb(0, 60, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 60, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 60, 40); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 60, 40); box-shadow:4px  
4px 4px 4px rgb(0, 60, 40) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.3981, -12.8037, 4.6434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 60, 40) }
```

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

```
.background{ background-color: rgb(0, 60,  
40) }
```

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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