

Converting Colors

HunterLab(10.4564, -5.3440,
-1.0410)

Have a look what the booklet for
HunterLab(10.4564, -5.3440,
-1.0410) contains.

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Color

**HunterLab(10.4180, -5.3842,
-1.0522)**

Conversions

Conversions Part 1

Format	Color
Hex	011F1F
RGB	1, 31, 31
RGB Percent	0%, 12%, 12%
CMY	0.9961, 0.8784, 0.8784
CMYK	0.97, 0.00, 0.00, 0.88
HSL	180°, 94%, 6%
HSV	180°, 97%, 12%
XYZ	0.7498, 1.0853, 1.4663
YIQ	22.0300, -17.8800, -6.3600

Conversions

Conversions Part 2

Format	Color
R_{YB}	1, 16, 31
Decimal	73503
CIE Lab	9.68, -11.02, -3.30
CIE LCh	10, 11.506, 196.674
Yxy	1.0854, 0.2271, 0.3288
Android (android.graphics.Color)	4278263583 (0xFF011F1F)
YUV	22.0300, 4.4222, -18.4433
Hunter-Lab	10.4180, -5.3842, -1.0522

Details

The HunterLab color **10.4180, -5.3842, -1.0522** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5.6146, 8.6595, 3.3076**, and the grayscale version is **8.9574, -0.4779, 0.4867**.

A 20% lighter version of the original color is **24.7406, -7.8511, -0.8447**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **10.3871, -5.5068, -1.0954**, and if you desaturate by 10%, it is **10.5138, -5.0094, -0.9196**.

Distribution



- Red (0%)
- Green (12%)
- Blue (12%)



- Red (0%)
- Yellow (6%)
- Blue (12%)



- Cyan (97%)
- Magenta (0%)
- Yellow (0%)
- Black (88%)



- Cyan (100%)
- Magenta (88%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 10.4180, -5.3842, -1.0522 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 10.4180, -5.3842, -1.0522 by changing the saturation by 10% instead.

■ 10.4180, -5.3842,
-1.0522

■ 10.4180, -5.3842,
-1.0522

■ 99.5909, -16.2779,
2.1754

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 24.7145, -7.9743,
-0.7461

0.0000, NaN, NaN

■ 33.2584, -9.1984,
-0.4816

0.0000, NaN, NaN

■ 42.6085, -10.3941,
-0.1570

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 52.7004, -11.5747,
0.2206

0.0000, NaN, NaN


■ 63.4831, -12.7486,
0.6462


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 74.9149, -13.9214,


1.1160


 86.9608, -15.0969,
1.6266


 10.4180, -5.3842,
-1.0522


 10.4180, -5.3842,
-1.0522


 10.3871, -5.5068,
-1.0954

 10.5138, -5.0094,
-0.9196

 10.6085, -4.6418,
-0.7895

 10.7023, -4.2809,
-0.6618

 10.8054, -3.8887,
-0.5229

 10.9250, -3.4389,
-0.3636

■ 11.0612, -2.9329,
-0.1841

■ 11.2142, -2.3724,
0.0147

■ 11.3839, -1.7601,
0.2322

■ 11.5703, -1.0987,
0.4673

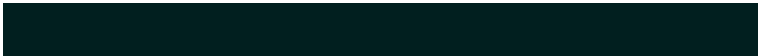
Harmonies

Analogous

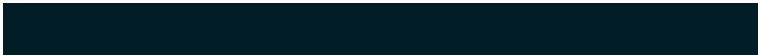
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10.4182, -5.4570, 1.7045



10.4180, -5.3842, -1.0522



10.4182, -4.0762, -4.0129

Triad

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



10.4182, -5.3842, -1.0521



10.4182, 3.7634, -3.7095



10.4182, 0.7445, 5.1045

Complementary

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



10.4180, -5.3842, -1.0522



5.6146, 8.6595, 3.3076

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.



10.4182, 3.5011, 3.9802



10.4180, -5.3842, -1.0522



10.4182, 5.3669, -0.7151

Square

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



10.4182, -5.3842, -1.0521



10.4182, 1.0724, -5.8088



10.4182, 5.2660, 1.9635



10.4182, -2.0910, 5.0353

Rectangle

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



10.4180, -5.3842, -1.0522



10.4182, -2.6501, -5.4869



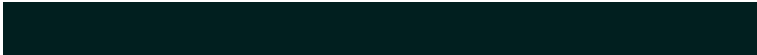
10.4182, 5.2660, 1.9635



10.4182, 1.7168, 4.8536

Sweetspot

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



10.4182, -5.3842, -1.0521



14.1121, -3.3379, -0.0995



9.9593, -8.2115, 5.8220



8.0873, -1.8595, -0.0392



54.3783, -2.9015, 2.9545



8.4820, -0.4526, 0.4608

Same Dimension

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



10.4182, -5.3842, -1.0521



13.1559, -6.9747, -1.3874



7.0070, -0.7311, -6.6643



6.9070, -0.6897, 0.2676



24.8282, -13.1629, -2.6182



69.9220, -37.0698, -7.3734

Inverse Universe

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



5.6146, 8.6595, 3.3076



6.8361, 11.7070, 4.4172



8.0590, 2.4767, 4.7978



6.6566, -0.0219, 0.4734



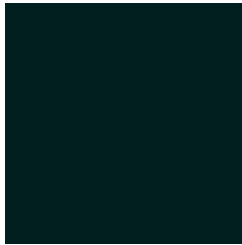
12.9012, 22.0937, 8.3363



36.3327, 62.2209, 23.4772

Previews

White Background



This preview shows how the HunterLab color 10.4180, -5.3842, -1.0522 looks on a white background.

Color Contrast Check

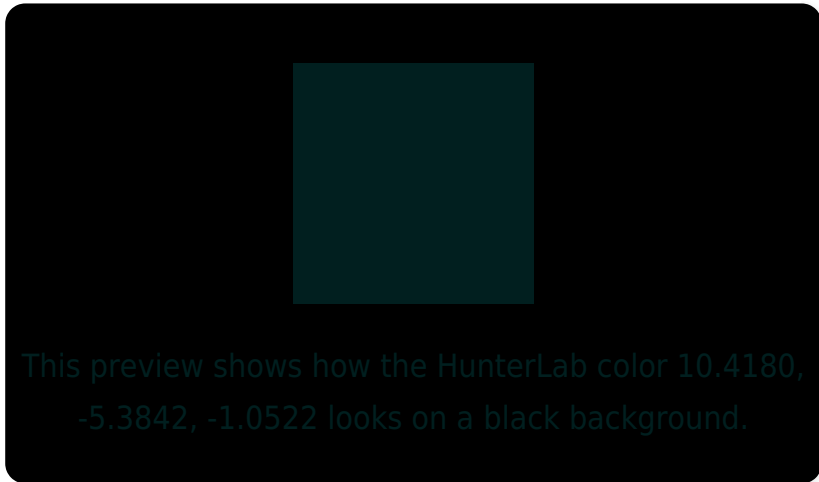
Large Text (above 18pt) WCAG AA ✓ Pass

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

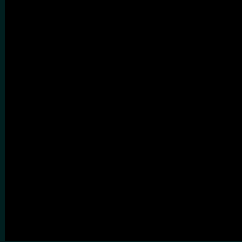
Any Text WCAG AA × Fail

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 10.4180, -5.3842, -1.0522 Background



This preview shows how black text looks on a background with the HunterLab color 10.4180, -5.3842, -1.0522.



This preview shows how white text looks on a background with the HunterLab color 10.4180, -5.3842, -1.0522.

-1.0522.

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

10.4180, -5.3842, -1.0522

Protanopia

10.5804, -0.0828, 0.0044

Deuteranopia

10.6538, 0.3143, -1.0345



Tritanopia

10.6231, -4.4825, -1.5631

Trichromacy



Original Color

10.4180, -5.3842, -1.0522

Protanomaly

10.2608, -2.3163, -0.8153

Deuteranomaly

10.3121, -2.0273, -1.5380

Tritanomaly

10.5360, -4.8714, -1.2829

Monochromacy



Original Color

10.4180, -5.3842, -1.0522

Achromatopsia

8.9572, -0.4779, 0.4867

Achromatomaly

9.2672, -2.6536, -0.2201

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 10.4180, -5.3842, -1.0522 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(1, 31, 31)` looks like.

```
.text, #text, p{  
    color:rgb(1, 31, 31)  
}
```

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(1, 31, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 31, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 10.4180, -5.3842, -1.0522 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(1, 31, 31) }
```


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

```
.border{ border-color:rgb(1, 31, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 31, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 31, 31); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 31, 31); box-shadow:4px  
4px 4px 4px rgb(1, 31, 31) }
```

Background

The CSS property to change the background color of an element to HunterLab 10.4180, -5.3842, -1.0522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 31, 31) }
```

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

```
.background{ background-color: rgb(1, 31,  
31) }
```

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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