

Converting Colors

HunterLab(18.8968, -9.8228,
2.4572)

Have a look what the booklet for
HunterLab(18.8968, -9.8228, 2.4572)
contains.

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Color

**HunterLab(19.0076, -9.9785,
2.4740)**

Conversions

Conversions Part 1

Format	Color
Hex	153C31
RGB	21, 60, 49
RGB Percent	8%, 24%, 19%
CMY	0.9176, 0.7647, 0.8078
CMYK	0.65, 0.00, 0.18, 0.76
HSL	163°, 48%, 16%
HSV	163°, 65%, 24%
XYZ	2.4795, 3.6129, 3.4724
YIQ	47.0850, -19.7130, -11.6890

Conversions

Conversions Part 2

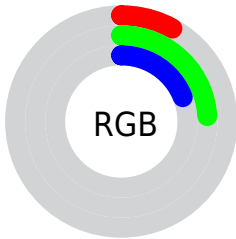
Format	Color
R_{YB}	21, 44, 60
Decimal	1391665
CIE Lab	22.35, -17.00, 2.69
CIE LCh	22, 17.216, 170.998
Yxy	3.6130, 0.2592, 0.3777
Android (android.graphics.Color)	4279581745 (0xFF153C31)
YUV	47.0850, 0.9441, -22.8765
Hunter-Lab	19.0076, -9.9785, 2.4740

Details

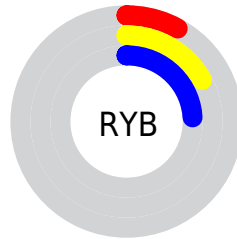
The HunterLab color **19.0076, -9.9785, 2.4740** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12.6545, 11.6020, 1.5977**, and the grayscale version is **16.8902, -0.9012, 0.9177**.

A 20% lighter version of the original color is **35.7495, -13.5696, 3.8356**, and **5.8824, -4.7782, 2.9622** is the 20% darker color. If you saturate the color by 10%, you get **18.8179, -10.8083, 2.8300**, and if you desaturate by 10%, it is **19.2385, -8.9988, 2.1539**.

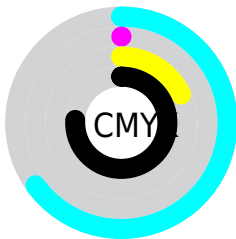
Distribution



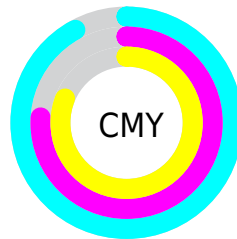
- Red (8%)
- Green (24%)
- Blue (19%)



- Red (8%)
- Yellow (17%)
- Blue (24%)



- Cyan (65%)
- Magenta (0%)
- Yellow (18%)
- Black (76%)



- Cyan (92%)
- Magenta (76%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.0076, -9.9785, 2.4740 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 19.0076, -9.9785, 2.4740 by changing the saturation by 10% instead.

■ 19.0076, -9.9785,
2.4740

■ 19.0076, -9.9785,
2.4740

■ 116.3856,
-23.8693, 9.0458

■ 12.0812, -8.0665,
1.8774

■ 35.6745, -13.3701,
3.7428

■ 5.0990, -8.9232,
2.4675

■ 45.2279, -14.9499,
4.4188

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.5085, -16.4856,
5.1228

0.0000, NaN, NaN

■ 66.4679, -17.9913,
5.8545

0.0000, NaN, NaN

■ 78.0665, -19.4765,
6.6133

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.2708, -20.9481,

103.0522,
-22.4111, 8.2096

19.0076, -9.9785,
2.4740

19.0076, -9.9785,
2.4740

18.8179, -10.8083,
2.8300

19.2385, -8.9988,
2.1539

18.6659, -11.4913,
3.2161

19.5105, -7.8705,
1.8730

18.5269, -12.1253,
3.6025

19.8249, -6.5985,
1.6343

18.4576, -12.4429,
3.7904

20.1818, -5.1900,
1.4400

20.5809, -3.6541,
1.2914

■ 21.0217, -2.0011,
1.1889

■ 21.5034, -0.2418,
1.1324

■ 22.0247, 1.6123,
1.1211

■ 22.5845, 3.5503,
1.1536

Harmonies

Analogous

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



19.0080, -8.2290, 6.1326



19.0076, -9.9785, 2.4740



19.0080, -9.5373, -2.7304

Triad

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



19.0080, -9.9787, 2.4742



19.0080, 2.7318, -10.2656



19.0080, 5.7510, 7.0779

Complementary

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



19.0076, -9.9785, 2.4740



12.6545, 11.6020, 1.5977

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.



19.0080, 9.3362, 4.1588



19.0076, -9.9785, 2.4740



19.0080, 7.4661, -6.0403

Square

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



19.0080, -9.9787, 2.4742



19.0080, -2.5663, -11.0759



19.0080, 9.9957, -0.5271



19.0080, 0.5873, 8.2758

Rectangle

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



19.0076, -9.9785, 2.4740



19.0080, -8.0380, -6.3888



19.0080, 9.9957, -0.5271



19.0080, 7.2031, 6.3099

Sweetspot

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



19.0080, -9.9787, 2.4742



26.8247, -5.8225, 1.7883



18.9575, -11.0623, 9.2688



14.1803, -3.2142, 0.9603



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.



19.0080, -9.9787, 2.4742



24.6293, -14.8511, 4.0636



17.0347, -5.3643, -4.4770



11.3668, -1.4087, 0.6642



29.1238, -19.8970, 6.5498



73.9429, -51.2748, 18.2653

Inverse Universe

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



12.6545, 11.6020, 1.5977



14.8243, 19.0347, 3.1755



13.8414, 7.3654, 5.6187



10.8617, 0.2522, 0.5615



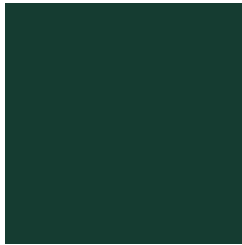
15.7340, 27.4366, 6.3559



39.8247, 69.0904, 18.8400

Previews

White Background



This preview shows how the HunterLab color 19.0076, -9.9785, 2.4740 looks on a white background.

Color Contrast Check

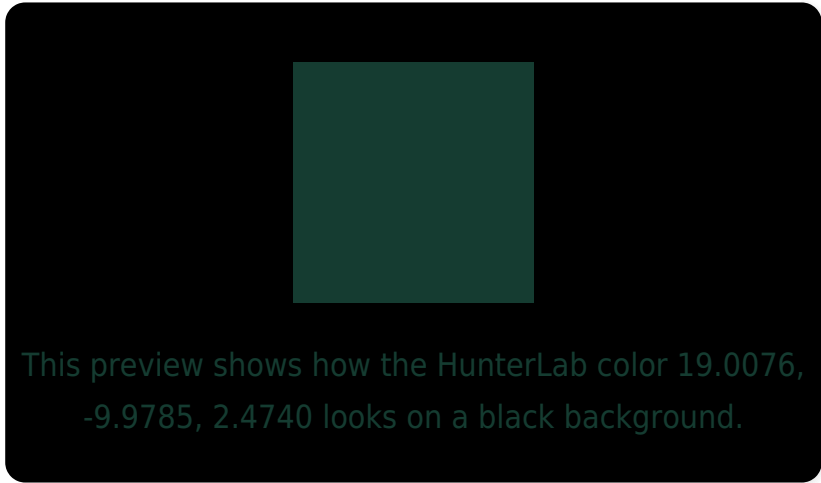
Large Text (above 18pt) WCAG AA ✓ Pass

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

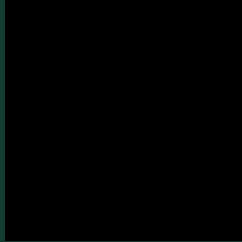
Any Text WCAG AA × Fail

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 19.0076, -9.9785, 2.4740 Background



This preview shows how black text looks on a background with the HunterLab color 19.0076, -9.9785, 2.4740.



This preview shows how white text looks on a background with the HunterLab color 19.0076, -9.9785,

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

19.0076, -9.9785, 2.4740

Protanopia

18.9320, -1.1013, 3.5517

Deuteranopia

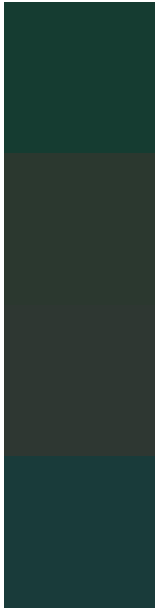
19.1198, 0.9806, 2.0865



Tritanopia

19.0211, -6.4265, -3.0502

Trichromacy



Original Color

19.0076, -9.9785, 2.4740

Protanomaly

18.8339, -5.2515, 3.0474

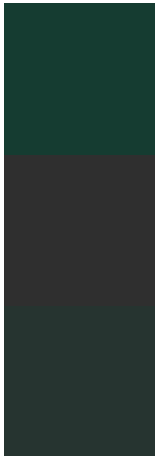
Deuteranomaly

18.8242, -3.8442, 2.0276

Tritanomaly

19.0790, -7.8601, -0.8209

Monochromacy



Original Color

19.0076, -9.9785, 2.4740

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.5541, -4.6797, 1.2901

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.0076, -9.9785, 2.4740 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(21, 60, 49)` looks like.

```
.text, #text, p{  
    color:rgb(21, 60, 49)  
}
```

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(21, 60, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 60, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 19.0076, -9.9785, 2.4740 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(21, 60, 49) }
```


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

```
.border{ border-color:rgb(21, 60, 49) }
```

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

Here you see how a box with a 4 pixel rgb(21, 60, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 60, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 60, 49);  
box-shadow:4px 4px 4px 4px rgb(21, 60, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.0076, -9.9785, 2.4740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 60, 49) }
```

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

```
.background{ background-color: rgb(21, 60,  
49) }
```

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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