

Converting Colors

HunterLab(19.5318, -12.4476,
2.4579)

Have a look what the booklet for
HunterLab(19.5318, -12.4476,
2.4579) contains.

HunterLab(19.4783, -12.3219, 2.2533)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(19.4783,
-12.3219, 2.2533)**

Conversions

Conversions Part 1

Format	Color
Hex	003F33
RGB	0, 63, 51
RGB Percent	0%, 25%, 20%
CMY	1.0000, 0.7529, 0.8000
CMYK	1.00, 0.00, 0.19, 0.75
HSL	169°, 100%, 12%
HSV	169°, 100%, 25%
XYZ	2.3751, 3.7940, 3.7391
YIQ	42.7950, -33.6960, -17.0880

Conversions

Conversions Part 2

Format	Color
RYB	0, 35, 63
Decimal	16179
CIELab	22.98, -21.83, 2.20
CIELCh	23, 21.943, 174.254
Yxy	3.7942, 0.2397, 0.3829
Android (android.graphics.Color)	4278206259 (0xFF003F33)
YUV	42.7950, 4.0451, -37.5312
Hunter-Lab	19.4783, -12.3219, 2.2533

Details

The HunterLab color **19.4783, -12.3219, 2.2533** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10.4087, 18.0789, 4.7484**, and the grayscale version is **15.4713, -0.8255, 0.8406**.

A 20% lighter version of the original color is **36.1964, -16.3499, 3.4932**, and **6.6601, -5.1237, 2.7360** is the 20% darker color. If you saturate the color by 10%, you get **19.4786, -12.3223, 2.2536**, and if you desaturate by 10%, it is **19.6101, -11.7360, 1.9838**.

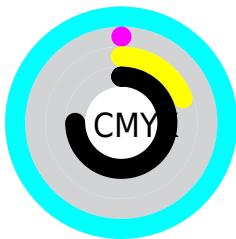
Distribution



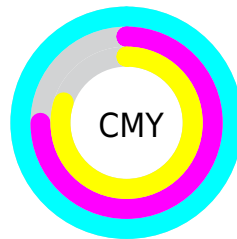
- Red (0%)
- Green (25%)
- Blue (20%)



- Red (0%)
- Yellow (14%)
- Blue (25%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (75%)



- Cyan (100%)
- Magenta (75%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.4783, -12.3219, 2.2533 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 19.4783, -12.3219, 2.2533 by changing the saturation by 10% instead.

■ 19.4783, -12.3219,
2.2533

■ 19.4783, -12.3219,
2.2533

■ 117.2443,
-28.7891, 8.6029

■ 12.4864, -9.9472,
1.6968

■ 36.2543, -16.4618,
3.4577

■ 5.7428, -10.0499,
1.8982

■ 45.8552, -18.3598,
4.1063

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.1799, -20.1882,
4.7851

0.0000, NaN, NaN

■ 67.1807, -21.9661,
5.4933

0.0000, NaN, NaN

■ 78.8184, -23.7067,
6.2301


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.0599, -25.4197,


6.9945


0.0000, NaN, NaN


 103.8768,
-27.1120, 7.7857


 19.4783, -12.3219,
2.2533


 19.4783, -12.3219,
2.2533


 19.4786, -12.3223,
2.2536

 19.6101, -11.7360,
1.9838

 19.7446, -11.1415,
1.7116

 19.9114, -10.4224,
1.4729

 20.1196, -9.5477,
1.2801

 20.3709, -8.5163,
1.1366

■ 20.6665, -7.3309,
1.0449

■ 21.0068, -5.9968,
1.0064

■ 21.3921, -4.5218,
1.0217

■ 21.8219, -2.9156,
1.0904

Harmonies

Analogous

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



19.4787, -10.4749, 6.9707



19.4783, -12.3219, 2.2533



19.4787, -11.4958, -4.7086

Triad

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



19.4787, -12.3220, 2.2535



19.4787, 4.5691, -13.8446



19.4787, 7.1156, 8.6421

Complementary

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



19.4783, -12.3219, 2.2533



10.4087, 18.0789, 4.7484

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.



19.4787, 12.2265, 5.4718



19.4783, -12.3219, 2.2533



19.4787, 10.6220, -7.5951

Square

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



19.4787, -12.3220, 2.2535



19.4787, -2.3198, -15.6078



19.4787, 13.5895, -0.2136



19.4787, 0.2729, 9.7655

Rectangle

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



19.4783, -12.3219, 2.2533



19.4787, -9.4741, -9.6426



19.4787, 13.5895, -0.2136



19.4787, 9.1284, 7.8461

Sweetspot

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



19.4787, -12.3220, 2.2535



27.1712, -8.0099, 1.3072



19.0728, -15.2422, 11.4855



13.9037, -4.2421, 0.6727



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.



19.4787, -12.3220, 2.2535



25.2358, -16.0658, 3.1389



14.7237, -3.9232, -9.9335



11.3731, -1.3739, 0.5747



29.3170, -18.7211, 3.7698



74.4590, -48.1291, 10.8297

Inverse Universe

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



10.4087, 18.0789, 4.7484



13.4611, 23.3205, 6.6217



12.3258, 11.4660, 7.7955



10.8555, 0.2185, 0.6504



15.6263, 27.0394, 7.9353



39.5916, 68.2288, 22.2736

Previews

White Background



This preview shows how the HunterLab color 19.4783, -12.3219, 2.2533 looks on a white background.

Color Contrast Check

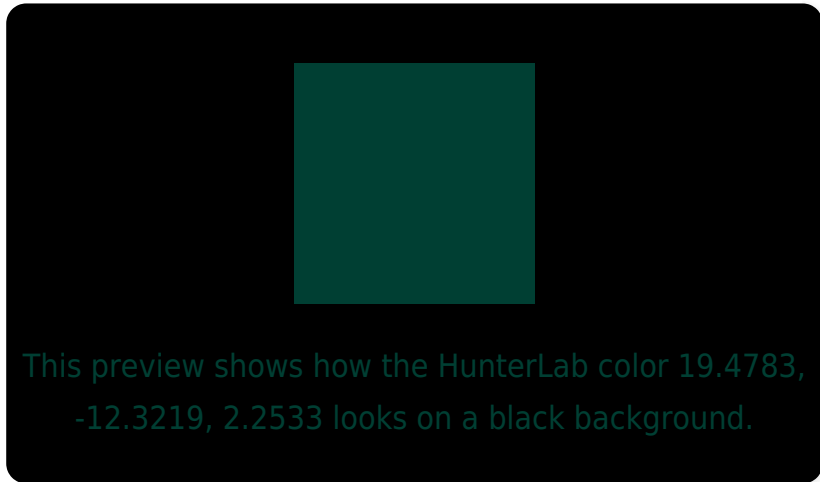
Large Text (above 18pt) WCAG AA ✓ Pass

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

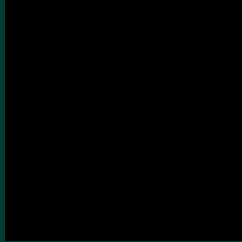
Any Text WCAG AA × Fail

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 19.4783, -12.3219, 2.2533 Background



This preview shows how black text looks on a background with the HunterLab color 19.4783, -12.3219, 2.2533.



This preview shows how white text looks on a background with the HunterLab color 19.4783,

-12.3219, 2.2533.

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

19.4783, -12.3219, 2.2533

Protanopia

19.5887, -1.2549, 3.9086

Deuteranopia

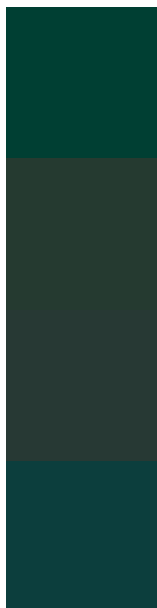
19.4817, 1.0926, 1.7731



Tritanopia

19.6705, -7.9197, -3.5535

Trichromacy



Original Color

19.4783, -12.3219, 2.2533

Protanomaly

19.0600, -7.0434, 2.9229

Deuteranomaly

18.9882, -5.7829, 1.4549

Tritanomaly

19.6477, -9.7036, -1.3856

Monochromacy



Original Color

19.4783, -12.3219, 2.2533

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

16.4666, -6.2067, 0.7312

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.4783, -12.3219, 2.2533 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, 63, 51)` looks like.

```
.text, #text, p{  
  color:rgb(0, 63, 51)  
}
```

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, 63, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 63, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 19.4783, -12.3219, 2.2533 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, 63, 51) }
```


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

```
.border{ border-color:rgb(0, 63, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 63, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 63, 51); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 63, 51); box-shadow:4px  
4px 4px 4px rgb(0, 63, 51) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.4783, -12.3219, 2.2533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 63, 51) }
```

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

```
.background{ background-color: rgb(0, 63,  
51) }
```

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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