

Converting Colors

HunterLab(19.6524, -12.7919,
3.0503)

Have a look what the booklet for
HunterLab(19.6524, -12.7919,
3.0503) contains.

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Color

**HunterLab(19.7194,
-12.8948, 3.1886)**

Conversions

Conversions Part 1

Format	Color
Hex	004031
RGB	0, 64, 49
RGB Percent	0%, 25%, 19%
CMY	1.0000, 0.7490, 0.8078
CMYK	1.00, 0.00, 0.23, 0.75
HSL	166°, 100%, 13%
HSV	166°, 100%, 25%
XYZ	2.3878, 3.8885, 3.5305
YIQ	43.1540, -33.3290, -18.2330

Conversions

Conversions Part 2

Format	Color
RYB	0, 36, 64
Decimal	16433
CIELab	23.30, -22.96, 3.98
CIELCh	23, 23.299, 170.158
Yxy	3.8887, 0.2435, 0.3965
Android (android.graphics.Color)	4278206513 (0xFF004031)
YUV	43.1540, 2.8821, -37.8461
Hunter-Lab	19.7194, -12.8948, 3.1886

Details

The HunterLab color **19.7194, -12.8948, 3.1886** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10.6046, 18.4848, 4.3308**, and the grayscale version is **15.5923, -0.8320, 0.8472**.

A 20% lighter version of the original color is **36.4478, -17.0277, 4.5493**, and **7.1042, -5.8716, 3.7955** is the 20% darker color. If you saturate the color by 10%, you get **19.7197, -12.8951, 3.1889**, and if you desaturate by 10%, it is **19.8567, -12.2739, 2.8403**.

Distribution



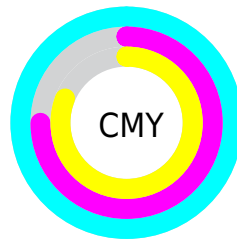
- Red (0%)
- Green (25%)
- Blue (19%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (75%)



- Cyan (100%)
- Magenta (75%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.7194, -12.8948, 3.1886 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 19.7194, -12.8948, 3.1886 by changing the saturation by 10% instead.

■ 19.7194, -12.8948,
3.1886

■ 19.7194, -12.8948,
3.1886

■ 117.6822,
-29.9547, 10.4051

■ 12.6945, -10.4170,
2.4804

■ 36.5507, -17.2045,
4.6409

■ 6.0443, -10.5775,
3.0603

■ 46.1757, -19.1756,
5.3960

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.5227, -21.0715,
6.1734

0.0000, NaN, NaN

■ 67.5446, -22.9123,
6.9736

0.0000, NaN, NaN


■ 79.2022, -24.7121,
7.7970


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.4626, -26.4810,


 104.2975,
-28.2266, 9.5130


 19.7194, -12.8948,
3.1886


 19.7194, -12.8948,
3.1886


 19.7197, -12.8951,
3.1889

 19.8567, -12.2739,
2.8403

 19.9974, -11.6409,
2.4858

 20.1720, -10.8764,
2.1612

 20.3892, -9.9512,
1.8786

 20.6507, -8.8645,
1.6423

■ 20.9576, -7.6194,
1.4554

■ 21.3104, -6.2219,
1.3200

■ 21.7094, -4.6805,
1.2373

■ 22.1539, -3.0052,
1.2075

Harmonies

Analogous

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



19.7198, -10.5728, 7.7695



19.7194, -12.8948, 3.1886



19.7198, -12.4113, -4.0094

Triad

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



19.7198, -12.8949, 3.1888



19.7198, 3.9330, -15.6618



19.7198, 8.5934, 8.7286

Complementary

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



19.7194, -12.8948, 3.1886



10.6046, 18.4848, 4.3308

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.



19.7198, 13.6512, 5.0838



19.7194, -12.8948, 3.1886



19.7198, 10.7050, -9.3296

Square

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



19.7198, -12.8949, 3.1888



19.7198, -3.3579, -16.7441



19.7198, 14.4749, -1.3059



19.7198, 1.3624, 10.1237

Rectangle

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



19.7194, -12.8948, 3.1886



19.7198, -10.5337, -9.4122



19.7198, 14.4749, -1.3059



19.7198, 10.6453, 7.8031

Sweetspot

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



19.7198, -12.8949, 3.1888



28.0076, -8.4571, 1.7590



19.4348, -15.2083, 11.7092



14.6551, -4.6191, 0.9385



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



19.7198, -12.8949, 3.1888



25.9596, -17.1027, 4.4727



15.7614, -5.1305, -8.6246



12.1488, -1.5064, 0.6602



30.0464, -19.8602, 5.3171



75.1649, -50.3428, 14.7261

Inverse Universe

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



10.6046, 18.4848, 4.3308



13.9330, 24.2161, 6.2477



12.0858, 12.8158, 7.6713



11.5885, 0.2736, 0.6495



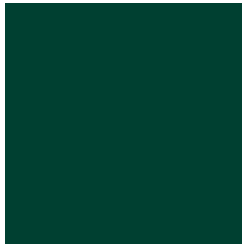
16.1140, 27.9725, 7.4919



40.2053, 69.4828, 21.0953

Previews

White Background



This preview shows how the HunterLab color 19.7194, -12.8948, 3.1886 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 19.7194, -12.8948, 3.1886 Background



This preview shows how black text looks on a background with the HunterLab color 19.7194, -12.8948, 3.1886.



This preview shows how white text looks on a background with the HunterLab color 19.7194,

-12.8948, 3.1886.

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

19.7194, -12.8948, 3.1886

Protanopia

19.8686, -1.6059, 4.8064

Deuteranopia

19.8346, 0.9866, 2.8771



Tritanopia

19.9980, -8.0027, -3.5610

Trichromacy



Original Color

19.7194, -12.8948, 3.1886

Protanomaly

19.3320, -7.4563, 3.8544

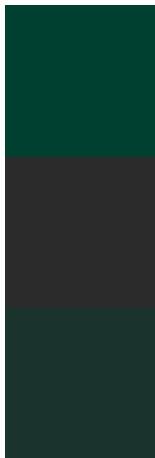
Deuteranomaly

19.2549, -6.2201, 2.4640

Tritanomaly

19.9169, -10.1268, -0.6306

Monochromacy



Original Color

19.7194, -12.8948, 3.1886

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

16.7037, -6.6890, 1.3635

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.7194, -12.8948, 3.1886 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, 64, 49)` looks like.

```
.text, #text, p{  
    color:rgb(0, 64, 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(0, 64, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 64, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 19.7194, -12.8948, 3.1886 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, 64, 49) }
```


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

```
.border{ border-color:rgb(0, 64, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 64, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 64, 49); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 64, 49); box-shadow:4px  
4px 4px 4px rgb(0, 64, 49) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.7194, -12.8948, 3.1886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 64, 49) }
```

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

```
.background{ background-color: rgb(0, 64,  
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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