

Converting Colors

HunterLab(19.6683, -12.6953,
2.8219)

Have a look what the booklet for
HunterLab(19.6683, -12.6953,
2.8219) contains.

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Color

**HunterLab(19.7410,
-12.7633, 2.8778)**

Conversions

Conversions Part 1

Format	Color
Hex	004032
RGB	0, 64, 50
RGB Percent	0%, 25%, 20%
CMY	1.0000, 0.7490, 0.8039
CMYK	1.00, 0.00, 0.22, 0.75
HSL	167°, 100%, 13%
HSV	167°, 100%, 25%
XYZ	2.4091, 3.8971, 3.6428
YIQ	43.2680, -33.6500, -17.9220

Conversions

Conversions Part 2

Format	Color
RYB	0, 36, 64
Decimal	16434
CIELab	23.33, -22.64, 3.36
CIElCh	23, 22.893, 171.554
Yxy	3.8972, 0.2421, 0.3917
Android (android.graphics.Color)	4278206514 (0xFF004032)
YUV	43.2680, 3.3189, -37.9460
Hunter-Lab	19.7410, -12.7633, 2.8778

Details

The HunterLab color **19.7410, -12.7633, 2.8778** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10.5915, 18.4363, 4.5228**, and the grayscale version is **15.6283, -0.8339, 0.8491**.

A 20% lighter version of the original color is **36.4729, -16.8798, 4.1896**, and **7.1196, -5.7754, 3.5685** is the 20% darker color. If you saturate the color by 10%, you get **19.7413, -12.7637, 2.8781**, and if you desaturate by 10%, it is **19.8766, -12.1533, 2.5540**.

Distribution



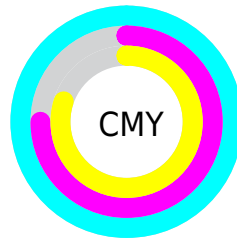
- Red (0%)
- Green (25%)
- Blue (20%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (75%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.7410, -12.7633, 2.8778 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 19.7410, -12.7633, 2.8778 by changing the saturation by 10% instead.

■ 19.7410, -12.7633,
2.8778

■ 19.7410, -12.7633,
2.8778

■ 117.7214,
-29.6519, 9.7943

■ 12.7131, -10.3175,
2.2228

■ 36.5772, -17.0223,
4.2439

■ 6.0705, -10.6234,
2.6264

■ 46.2043, -18.9721,
4.9621

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.5534, -20.8486,
5.7053

0.0000, NaN, NaN

■ 67.5771, -22.6714,
6.4738

0.0000, NaN, NaN

■ 79.2365, -24.4544,
7.2673

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.4986, -26.2075,

■ 104.3351,
-27.9381, 8.9280

■ 19.7410, -12.7633,
2.8778

■ 19.7410, -12.7633,
2.8778

■ 19.7413, -12.7637,
2.8781

■ 19.8766, -12.1533,
2.5540

■ 20.0155, -11.5317,
2.2254

■ 20.1882, -10.7795,
1.9286

■ 20.4033, -9.8672,
1.6757

■ 20.6627, -8.7941,
1.4706

■ 20.9673, -7.5629,
1.3162

■ 21.3178, -6.1796,
1.2145

■ 21.7143, -4.6523,
1.1664

■ 22.1564, -2.9912,
1.1719

Harmonies

Analogous

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



19.7414, -10.5974, 7.5336



19.7410, -12.7633, 2.8778



19.7414, -12.1560, -4.2801

Triad

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



19.7414, -12.7634, 2.8780



19.7414, 4.1821, -15.0952



19.7414, 8.1109, 8.7466

Complementary

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



19.7410, -12.7633, 2.8778



10.5915, 18.4363, 4.5228

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.



19.7414, 13.2175, 5.2529



19.7410, -12.7633, 2.8778



19.7414, 10.7366, -8.7540

Square

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



19.7414, -12.7634, 2.8780



19.7414, -3.0081, -16.4321



19.7414, 14.2405, -0.9169



19.7414, 0.9784, 10.0534

Rectangle

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



19.7410, -12.7633, 2.8778



19.7414, -10.2171, -9.5483



19.7414, 14.2405, -0.9169



19.7414, 10.1606, 7.8625

Sweetspot

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



19.7414, -12.7634, 2.8780



28.0178, -8.3989, 1.6140



19.4112, -15.3075, 11.6929



14.6607, -4.5868, 0.8581



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.



19.7414, -12.7634, 2.8780



25.9890, -16.9241, 4.0504



15.4855, -4.7446, -9.1128



12.1499, -1.4999, 0.6435



30.0809, -19.6507, 4.8217



75.2555, -49.7909, 13.4215

Inverse Universe

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



10.5915, 18.4363, 4.5228



13.9168, 24.1564, 6.4849



12.2191, 12.4486, 7.7469



11.5873, 0.2673, 0.6661



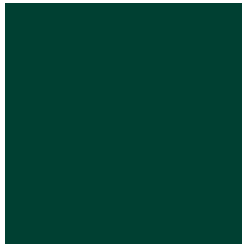
16.0959, 27.9057, 7.7578



40.1669, 69.3410, 21.6607

Previews

White Background



This preview shows how the HunterLab color 19.7410, -12.7633, 2.8778 looks on a white background.

Color Contrast Check

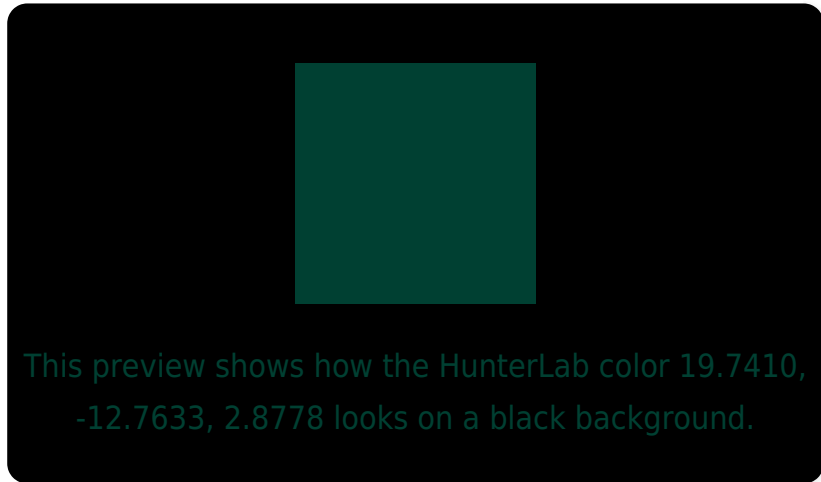
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7410, -12.7633, 2.8778 Background



This preview shows how black text looks on a background with the HunterLab color 19.7410, -12.7633, 2.8778.



This preview shows how white text looks on a background with the HunterLab color 19.7410,

-12.7633, 2.8778.

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

19.7410, -12.7633, 2.8778

Protanopia

19.8882, -1.4980, 4.5232

Deuteranopia

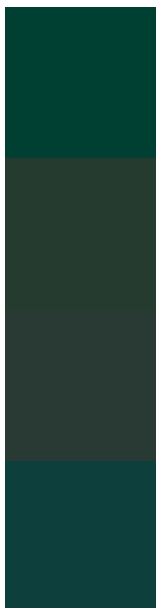
19.8571, 1.1073, 2.5548



Tritanopia

19.9980, -8.0027, -3.5610

Trichromacy



Original Color

19.7410, -12.7633, 2.8778

Protanomaly

19.3526, -7.3366, 3.5573

Deuteranomaly

19.2776, -6.0900, 2.1395

Tritanomaly

19.9437, -9.9680, -1.0102

Monochromacy



Original Color

19.7410, -12.7633, 2.8778

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

16.7270, -6.5533, 1.0305

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.7410, -12.7633, 2.8778 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, 50)` looks like.

```
.text, #text, p{  
    color:rgb(0, 64, 50)  
}
```

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, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 64, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 19.7410, -12.7633, 2.8778 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, 50) }
```


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

```
.border{ border-color:rgb(0, 64, 50) }
```

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, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 64, 50); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 64, 50); box-shadow:4px  
4px 4px 4px rgb(0, 64, 50) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.7410, -12.7633, 2.8778 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, 50) }
```

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

```
.background{ background-color: rgb(0, 64,  
50) }
```

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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