

Converting Colors

HunterLab(16.8256, -19.8935,
3.1461)

Have a look what the booklet for
HunterLab(16.8256, -19.8935,
3.1461) contains.

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Color

**HunterLab(18.3799,
-12.9155, 4.9077)**

Conversions

Conversions Part 1

Format	Color
Hex	003C27
RGB	0, 60, 39
RGB Percent	0%, 24%, 15%
CMY	1.0000, 0.7647, 0.8471
CMYK	1.00, 0.00, 0.35, 0.76
HSL	159°, 100%, 12%
HSV	159°, 100%, 24%
XYZ	1.9821, 3.3782, 2.4671
YIQ	39.6660, -29.0190, -19.2510

Conversions

Conversions Part 2

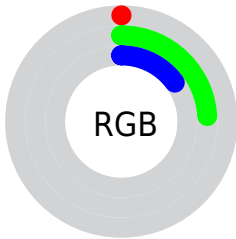
Format	Color
RYB	0, 36, 60
Decimal	15399
CIELab	21.50, -24.01, 8.06
CIELCh	21, 25.326, 161.443
Yxy	3.3783, 0.2532, 0.4316
Android (android.graphics.Color)	4278205479 (0xFF003C27)
YUV	39.6660, -0.3283, -34.7871
Hunter-Lab	18.3799, -12.9155, 4.9077

Details

The HunterLab color **18.3799, -12.9155, 4.9077** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10.0742, 17.7887, 2.3429**, and the grayscale version is **14.4670, -0.7719, 0.7860**.

A 20% lighter version of the original color is **34.8962, -17.3932, 6.9477**, and **4.6592, -3.9953, 2.8010** is the 20% darker color. If you saturate the color by 10%, you get **18.3802, -12.9159, 4.9080**, and if you desaturate by 10%, it is **18.5240, -12.2479, 4.4559**.

Distribution



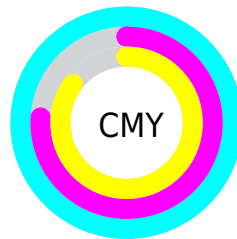
- Red (0%)
- Green (24%)
- Blue (15%)



- Red (0%)
- Yellow (14%)
- Blue (24%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (76%)



- Cyan (100%)
- Magenta (76%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.3799, -12.9155, 4.9077 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 18.3799, -12.9155, 4.9077 by changing the saturation by 10% instead.

■ 18.3799, -12.9155,
4.9077

■ 18.3799, -12.9155,
4.9077

■ 115.2327,
-30.6743, 14.1586

■ 11.5425, -10.5508,
3.8540

■ 34.8987, -17.4578,
6.9600

■ 4.0744, -7.1302,
2.8521

■ 44.3879, -19.5179,
7.9670

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.6087, -21.4918,
8.9749

0.0000, NaN, NaN

■ 65.5121, -23.4027,
9.9888

0.0000, NaN, NaN

■ 77.0578, -25.2664,
11.0123


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 89.2119, -27.0942,


12.0474


0.0000, NaN, NaN


 101.9453,
-28.8947, 13.0959


 18.3799, -12.9155,
4.9077


 18.3799, -12.9155,
4.9077


 18.3802, -12.9159,
4.9080

 18.5240, -12.2479,
4.4559

 18.6706, -11.5706,
3.9829

 18.8474, -10.7750,
3.5193

 19.0645, -9.8254,
3.0792

 19.3233, -8.7226,
2.6674

■ 19.6248, -7.4706,
2.2883

■ 19.9692, -6.0761,
1.9452

■ 20.3565, -4.5481,
1.6408

■ 20.7863, -2.8968,
1.3770

Harmonies

Analogous

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



18.3803, -9.7120, 8.6841



18.3799, -12.9155, 4.9077



18.3803, -13.2549, -1.9863

Triad

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



18.3803, -12.9156, 4.9079



18.3803, 2.0176, -18.5843



18.3803, 11.3471, 8.0435

Complementary

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



18.3799, -12.9155, 4.9077



10.0742, 17.7887, 2.3429

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.



18.3803, 15.7040, 3.5574



18.3799, -12.9155, 4.9077



18.3803, 9.7608, -12.8214

Square

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



18.3803, -12.9156, 4.9079



18.3803, -5.4178, -17.7344



18.3803, 15.0803, -4.0133



18.3803, 3.9197, 9.9210

Rectangle

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



18.3799, -12.9155, 4.9077



18.3803, -11.8900, -7.8607



18.3803, 15.0803, -4.0133



18.3803, 13.2700, 6.8891

Sweetspot

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



18.3803, -12.9156, 4.9079



26.2157, -8.2729, 2.6222



18.4457, -13.4402, 11.1307



13.8509, -4.5452, 1.4270



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.



18.3803, -12.9156, 4.9079



24.1694, -17.1449, 6.8012



16.6804, -7.3206, -5.0455



11.3622, -1.4344, 0.7301



28.9970, -20.6734, 8.3843



73.6088, -53.3240, 23.1066

Inverse Universe

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



10.0742, 17.7887, 2.3429



13.2162, 23.2555, 3.7151



10.6509, 14.0484, 6.8086



10.8664, 0.2774, 0.4951



15.8372, 27.8158, 4.8526



40.0637, 69.9707, 15.3423

Previews

White Background



This preview shows how the HunterLab color 18.3799, -12.9155, 4.9077 looks on a white background.

Color Contrast Check

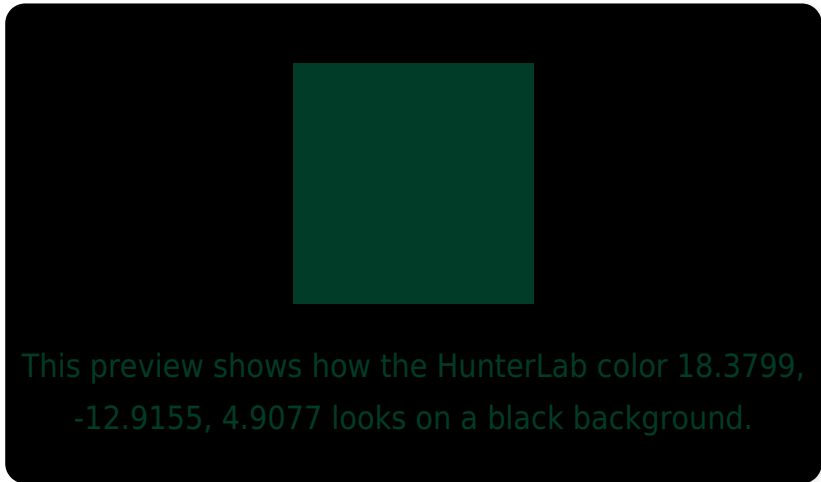
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3799, -12.9155, 4.9077 Background



This preview shows how black text looks on a background with the HunterLab color 18.3799, -12.9155, 4.9077.



This preview shows how white text looks on a background with the HunterLab color 18.3799,

-12.9155, 4.9077.

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

18.3799, -12.9155, 4.9077

Protanopia

18.5044, -1.7330, 6.0241

Deuteranopia

18.5294, 0.9559, 4.7219



Tritanopia

18.5297, -6.9771, -3.2868

Trichromacy



Original Color

18.3799, -12.9155, 4.9077

Protanomaly

18.0028, -7.4343, 5.1988

Deuteranomaly

17.9524, -6.1727, 4.3241

Tritanomaly

18.3794, -9.3904, -0.0976

Monochromacy



Original Color

18.3799, -12.9155, 4.9077

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

15.4690, -6.2954, 1.7274

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.3799, -12.9155, 4.9077 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, 60, 39)` looks like.

```
.text, #text, p{  
    color:rgb(0, 60, 39)  
}
```

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, 60, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 60, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 18.3799, -12.9155, 4.9077 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, 60, 39) }
```


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

```
.border{ border-color:rgb(0, 60, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 60, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 60, 39); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 60, 39); box-shadow:4px  
4px 4px 4px rgb(0, 60, 39) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.3799, -12.9155, 4.9077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 60, 39) }
```

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

```
.background{ background-color: rgb(0, 60,  
39) }
```

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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