

Converting Colors

HunterLab(15.9671, -13.1327,
5.1238)

Have a look what the booklet for
HunterLab(15.9671, -13.1327,
5.1238) contains.

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Color

**HunterLab(16.2479,
-11.8730, 5.3219)**

Conversions

Conversions Part 1

Format	Color
Hex	00351E
RGB	0, 53, 30
RGB Percent	0%, 21%, 12%
CMY	1.0000, 0.7922, 0.8824
CMYK	1.00, 0.00, 0.43, 0.79
HSL	154°, 100%, 10%
HSV	154°, 100%, 21%
XYZ	1.5074, 2.6399, 1.6584
YIQ	34.5310, -24.2050, -18.3890

Conversions

Conversions Part 2

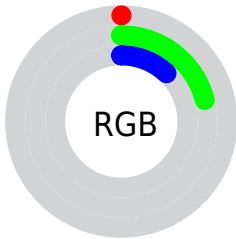
Format	Color
RYB	0, 34, 53
Decimal	13598
CIELab	18.54, -23.26, 9.98
CIELCh	19, 25.305, 156.783
Yxy	2.6400, 0.2596, 0.4547
Android (android.graphics.Color)	4278203678 (0xFF00351E)
YUV	34.5310, -2.2338, -30.2837
Hunter-Lab	16.2479, -11.8730, 5.3219

Details

The HunterLab color **16.2479, -11.8730, 5.3219** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **9.0487, 16.1794, 0.5472**, and the grayscale version is **12.8283, -0.6845, 0.6970**.

A 20% lighter version of the original color is **32.1540, -16.2474, 7.5827**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **16.2482, -11.8732, 5.3221**, and if you desaturate by 10%, it is **16.3903, -11.2112, 4.8824**.

Distribution



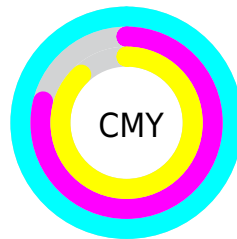
- Red (0%)
- Green (21%)
- Blue (12%)



- Red (0%)
- Yellow (13%)
- Blue (21%)



- Cyan (100%)
- Magenta (0%)
- Yellow (43%)
- Black (79%)



- Cyan (100%)
- Magenta (79%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.2479, -11.8730, 5.3219 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 16.2479, -11.8730, 5.3219 by changing the saturation by 10% instead.

■ 16.2479, -11.8730,
5.3219

■ 16.2479, -11.8730,
5.3219

■ 111.2446,
-29.4239, 15.6069

■ 9.7306, -10.9577,
4.7883

■ 32.2397, -16.4019,
7.7009

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.5013, -18.4400,
8.8379

0.0000, NaN, NaN

■ 51.5112, -20.3880,
9.9621

0.0000, NaN, NaN

■ 62.2172, -22.2708,
11.0819

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 73.5766, -24.1053,
12.2030


0.0000, NaN, NaN


■ 85.5539, -25.9034,


0.0000, NaN, NaN


13.3293


 98.1187, -27.6741,
14.4633


 16.2479, -11.8730,
5.3219


 16.2479, -11.8730,
5.3219


 16.2482, -11.8732,
5.3221

 16.3903, -11.2112,
4.8824

 16.5341, -10.5447,
4.4124

 16.6989, -9.7950,
3.9329

 16.8990, -8.9099,
3.4613

 17.1353, -7.8910,
3.0023

■ 17.4085, -6.7426,
2.5600

■ 17.7188, -5.4713,
2.1384

■ 18.0659, -4.0852,
1.7404

■ 18.4495, -2.5936,
1.3687

Harmonies

Analogous

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



16.2482, -8.4570, 8.3892



16.2479, -11.8730, 5.3219



16.2482, -12.6026, -0.7754

Triad

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



16.2482, -11.8731, 5.3220



16.2482, 0.8259, -18.7841



16.2482, 11.9922, 7.0267

Complementary

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



16.2479, -11.8730, 5.3219



9.0487, 16.1794, 0.5472

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.



16.2482, 15.5786, 2.3858



16.2479, -11.8730, 5.3219



16.2482, 8.4346, -13.8831

Square

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



16.2482, -11.8731, 5.3220



16.2482, -6.0461, -16.8278



16.2482, 14.1732, -5.3192



16.2482, 5.0531, 9.1516

Rectangle

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



16.2479, -11.8730, 5.3219



16.2482, -11.6086, -6.3682



16.2482, 14.1732, -5.3192



16.2482, 13.6810, 5.8297

Sweetspot

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



16.2482, -11.8731, 5.3220



22.7947, -7.3174, 2.8394



16.5489, -11.2032, 10.0012



12.3223, -4.0706, 1.5721



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



16.2482, -11.8731, 5.3220



20.9383, -15.4602, 7.2032



16.0262, -8.0163, -2.7263



9.8285, -1.2249, 0.6915



27.2419, -20.2831, 9.7354



71.3577, -54.0738, 27.5390

Inverse Universe

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



9.0487, 16.1794, 0.5472



11.6312, 20.7194, 1.3099



9.0247, 13.8164, 5.8027



9.4344, 0.2191, 0.3671



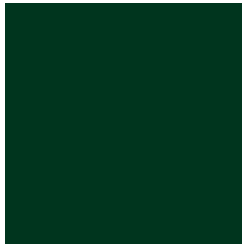
15.1028, 26.8222, 2.3317



39.3989, 69.5258, 9.5362

Previews

White Background



This preview shows how the HunterLab color 16.2479, -11.8730, 5.3219 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

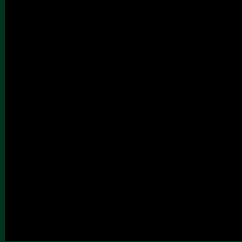
Any Text WCAG AA × Fail

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 16.2479, -11.8730, 5.3219 Background



This preview shows how black text looks on a background with the HunterLab color 16.2479, -11.8730, 5.3219.



This preview shows how white text looks on a background with the HunterLab color 16.2479, -11.8730, 5.3219.

-11.8730, 5.3219.

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

16.2479, -11.8730, 5.3219

Protanopia

16.4658, -1.8196, 6.3806

Deuteranopia

16.4860, 0.7835, 5.2578



Tritanopia

16.4203, -5.9621, -2.5879

Trichromacy



Original Color

16.2479, -11.8730, 5.3219

Protanomaly

16.0858, -7.0268, 5.7397

Deuteranomaly

15.7775, -5.4701, 4.7548

Tritanomaly

16.2563, -8.4263, 0.8149

Monochromacy



Original Color

16.2479, -11.8730, 5.3219

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.9151, -5.9647, 2.3393

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.2479, -11.8730, 5.3219 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, 53, 30)` looks like.

```
.text, #text, p{  
    color:rgb(0, 53, 30)  
}
```

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, 53, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 53, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 16.2479, -11.8730, 5.3219 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, 53, 30) }
```


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

```
.border{ border-color:rgb(0, 53, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 53, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 53, 30); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 53, 30); box-shadow:4px  
4px 4px 4px rgb(0, 53, 30) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.2479, -11.8730, 5.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 53, 30) }
```

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

```
.background{ background-color: rgb(0, 53,  
30) }
```

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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