

Converting Colors

HunterLab(17.5233, -14.2628,
-0.0807)

Have a look what the booklet for
HunterLab(17.5233, -14.2628,
-0.0807) contains.

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Color

**HunterLab(18.3492,
-11.0842, 0.9927)**

Conversions

| Conversions Part 1 | |
|--------------------|-----------------------------|
| Format | Color |
| Hex | 003B33 |
| RGB | 0, 59, 51 |
| RGB Percent | 0%, 23%, 20% |
| CMY | 1.0000, 0.7686, 0.8000 |
| CMYK | 1.00, 0.00, 0.14, 0.77 |
| HSL | 172°, 100%, 12% |
| HSV | 172°, 100%, 23% |
| XYZ | 2.1615, 3.3669, 3.6679 |
| YIQ | 40.4470, -32.5960, -14.9960 |

Conversions

Conversions Part 2

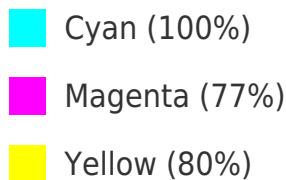
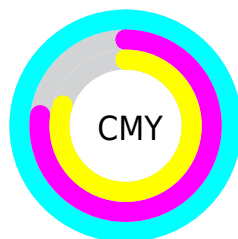
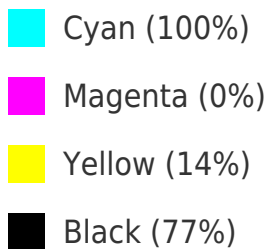
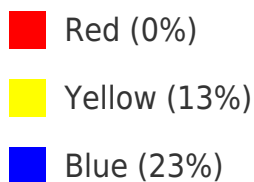
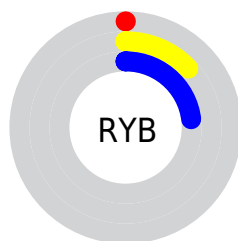
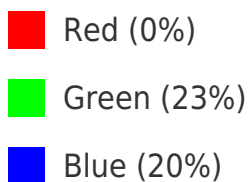
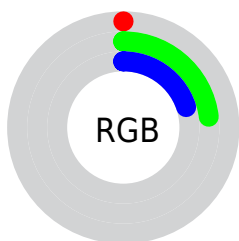
| Format | Color |
|-------------------------------------|--|
| RYB | 0, 32, 59 |
| Decimal | 15155 |
| CIELab | 21.46, -19.80, -0.01 |
| CIELCh | 21, 19.795, 180.031 |
| Yxy | 3.3671, 0.2350, 0.3661 |
| Android (android.graphics.Color) | 4278205235 (0xFF003B33) |
| YUV | 40.4470, 5.2026, -35.4720 |
| Hunter-Lab | 18.3492, -11.0842, 0.9927 |

Details

The HunterLab color **18.3492, -11.0842, 0.9927** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **9.7336, 16.8478, 4.8929**, and the grayscale version is **14.7032, -0.7845, 0.7989**.

A 20% lighter version of the original color is **34.9152, -15.1365, 2.0451**, and **4.7754, -3.2757, 1.1025** is the 20% darker color. If you saturate the color by 10%, you get **18.3495, -11.0845, 0.9930**, and if you desaturate by 10%, it is **18.4723, -10.5531, 0.8457**.


Distribution





Brightness & Saturation Gradients


These gradients show how the HunterLab color 18.3492, -11.0842, 0.9927 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 18.3492, -11.0842, 0.9927 by changing the saturation by 10% instead.


 18.3492, -11.0842,
0.9927


 18.3492, -11.0842,
0.9927

 115.1761,
-26.5223, 6.2585


 11.5162, -8.9566,
0.6218

 34.8607, -14.9406,
1.8902


 4.0172, -7.0301,
0.2076

 44.3466, -16.7128,
2.4060


0.0000, NaN, NaN

 54.5645, -18.4236,
2.9616

0.0000, NaN, NaN

 65.4652, -20.0908,
3.5544

0.0000, NaN, NaN

 77.0083, -21.7266,
4.1822


0.0000, NaN, NaN


 89.1599, -23.3397,


0.0000, NaN, NaN


4.8432


0.0000, NaN, NaN


 101.8909,
-24.9366, 5.5357


 18.3492, -11.0842,
0.9927


 18.3492, -11.0842,
0.9927


 18.3495, -11.0845,
0.9930

 18.4723, -10.5531,
0.8457

 18.5961, -10.0212,
0.6977

 18.7471, -9.3863,
0.5818

 18.9357, -8.6103,
0.5121

 19.1637, -7.6920,
0.4910

■ 19.4320, -6.6334,
0.5200

■ 19.7412, -5.4390,
0.5996

■ 20.0914, -4.1154,
0.7297

■ 20.4823, -2.6710,
0.9091

Harmonies

Analogous

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



18.3495, -9.8835, 5.6495



18.3492, -11.0842, 0.9927



18.3495, -9.8786, -5.3317

Triad

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



18.3495, -11.0843, 0.9929



18.3495, 5.1095, -11.1556



18.3495, 5.0974, 8.1513

Complementary

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



18.3492, -11.0842, 0.9927



9.7336, 16.8478, 4.8929

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.



18.3495, 10.0230, 5.6568



18.3492, -11.0842, 0.9927



18.3495, 10.0306, -5.3181

Square

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



18.3495, -11.0843, 0.9929



18.3495, -0.9739, -13.5739



18.3495, 11.9320, 1.0047



18.3495, -0.9863, 8.8939

Rectangle

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



18.3492, -11.0842, 0.9927



18.3495, -7.7716, -9.4640



18.3495, 11.9320, 1.0047



18.3495, 6.9701, 7.5395

Sweetspot

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



18.3495, -11.0843, 0.9929



25.4875, -7.2622, 0.7578



17.8470, -14.4811, 10.7435



13.1610, -3.8587, 0.3843



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



18.3495, -11.0843, 0.9929



23.7337, -14.4126, 1.4475



13.1324, -2.6765, -10.6360



11.3769, -1.3530, 0.5207



29.4453, -17.9451, 1.9343



74.8053, -46.0325, 5.8708

Inverse Universe

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



9.7336, 16.8478, 4.8929



12.5690, 21.7057, 6.7196



12.0560, 9.4839, 7.5945



10.8518, 0.1985, 0.7034



15.5781, 26.8611, 8.6465



39.4969, 67.8781, 23.6738

Previews

White Background



This preview shows how the HunterLab color 18.3492, -11.0842, 0.9927 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



This preview shows how the HunterLab color 18.3492, -11.0842, 0.9927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

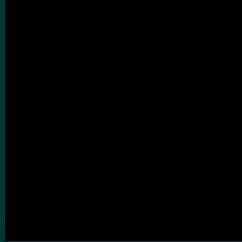
Any Text WCAG AA × Fail

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 18.3492, -11.0842, 0.9927 Background



This preview shows how black text looks on a background with the HunterLab color 18.3492, -11.0842, 0.9927.



This preview shows how white text looks on a background with the HunterLab color 18.3492, -11.0842, 0.9927.

-11.0842, 0.9927.

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

18.3492, -11.0842, 0.9927

Protanopia

18.5620, -1.1110, 2.8283

Deuteranopia

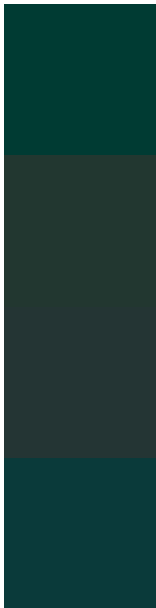
18.4610, 1.2499, 0.5802



Tritanopia

18.3962, -7.4863, -3.4837

Trichromacy



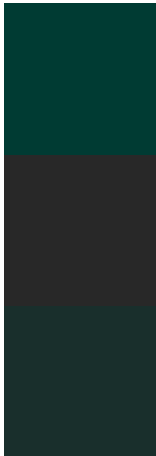
Original Color
18.3492, -11.0842, 0.9927

Protanomaly
18.1269, -6.5194, 1.9094

Deuteranomaly
17.8023, -4.8788, 0.0642

Tritanomaly
18.4286, -8.9846, -1.6804

Monochromacy



Original Color
18.3492, -11.0842, 0.9927

Achromatopsia
14.5667, -0.7772, 0.7914

Achromatomaly
15.5613, -5.7587, 0.4091

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.3492, -11.0842, 0.9927 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, 59, 51)` looks like.

```
.text, #text, p{  
    color:rgb(0, 59, 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, 59, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 59, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 18.3492, -11.0842, 0.9927 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, 59, 51) }
```


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

```
.border{ border-color:rgb(0, 59, 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, 59, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 59, 51); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 59, 51); box-shadow:4px  
4px 4px 4px rgb(0, 59, 51) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.3492, -11.0842, 0.9927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 59, 51) }
```

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

```
.background{ background-color: rgb(0, 59,  
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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