

Converting Colors

HunterLab(18.9682, -11.7663,
1.6921)

Have a look what the booklet for
HunterLab(18.9682, -11.7663,
1.6921) contains.

HunterLab(18.9116, -11.7048, 1.6293)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(18.9116,
-11.7048, 1.6293)**

Conversions

Conversions Part 1

Format	Color
Hex	003D33
RGB	0, 61, 51
RGB Percent	0%, 24%, 20%
CMY	1.0000, 0.7608, 0.8000
CMYK	1.00, 0.00, 0.16, 0.76
HSL	170°, 100%, 12%
HSV	170°, 100%, 24%
XYZ	2.2663, 3.5765, 3.7028
YIQ	41.6210, -33.1460, -16.0420

Conversions

Conversions Part 2

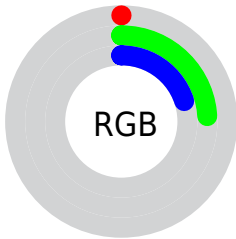
Format	Color
RYB	0, 33, 61
Decimal	15667
CIELab	22.22, -20.83, 1.10
CIELCh	22, 20.854, 176.982
Yxy	3.5766, 0.2374, 0.3747
Android (android.graphics.Color)	4278205747 (0xFF003D33)
YUV	41.6210, 4.6238, -36.5016
Hunter-Lab	18.9116, -11.7048, 1.6293

Details

The HunterLab color **18.9116, -11.7048, 1.6293** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10.0702, 17.4622, 4.8198**, and the grayscale version is **15.0863, -0.8050, 0.8197**.

A 20% lighter version of the original color is **35.5543, -15.7444, 2.7736**, and **5.9381, -4.4331, 2.1478** is the 20% darker color. If you saturate the color by 10%, you get **18.9119, -11.7050, 1.6296**, and if you desaturate by 10%, it is **19.0392, -11.1456, 1.4194**.

Distribution



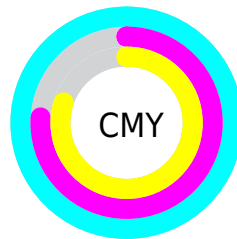
- Red (0%)
- Green (24%)
- Blue (20%)



- Red (0%)
- Yellow (13%)
- Blue (24%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (76%)



- Cyan (100%)
- Magenta (76%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.9116, -11.7048, 1.6293 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 18.9116, -11.7048, 1.6293 by changing the saturation by 10% instead.

■ 18.9116, -11.7048,
1.6293

■ 18.9116, -11.7048,
1.6293

■ 116.2099,
-27.6651, 7.4377

■ 11.9986, -9.4329,
1.1657

■ 35.5560, -15.7054,
2.6803

■ 4.9567, -8.6742,
1.1879

■ 45.0997, -17.5416,
3.2625

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.3712, -19.3120,
3.8798

0.0000, NaN, NaN

■ 66.3221, -21.0353,
4.5305

0.0000, NaN, NaN

■ 77.9127, -22.7242,
5.2129


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 90.1094, -24.3879,


5.9256


0.0000, NaN, NaN


 102.8834,
-26.0331, 6.6676


 18.9116, -11.7048,
1.6293


 18.9116, -11.7048,
1.6293


 18.9119, -11.7050,
1.6296

 19.0392, -11.1456,
1.4194

 19.1684, -10.5819,
1.2079

 19.3274, -9.9045,
1.0295

 19.5259, -9.0787,
0.8973

 19.7655, -8.1037,
0.8143

■ 20.0475, -6.9816,
0.7825

■ 20.3722, -5.7174,
0.8027

■ 20.7399, -4.3182,
0.8753

■ 21.1502, -2.7931,
0.9994

Harmonies

Analogous

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



18.9120, -10.1812, 6.3189



18.9116, -11.7048, 1.6293



18.9120, -10.6899, -5.0211

Triad

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



18.9120, -11.7049, 1.6295



18.9120, 4.8421, -12.4871



18.9120, 6.0980, 8.3978

Complementary

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



18.9116, -11.7048, 1.6293



10.0702, 17.4622, 4.8198

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.



18.9120, 11.1196, 5.5696



18.9116, -11.7048, 1.6293



18.9120, 10.3300, -6.4384

Square

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



18.9120, -11.7049, 1.6295



18.9120, -1.6473, -14.5893



18.9120, 12.7611, 0.4090



18.9120, -0.3644, 9.3319

Rectangle

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



18.9116, -11.7048, 1.6293



18.9120, -8.6258, -9.5577



18.9120, 12.7611, 0.4090



18.9120, 8.0414, 7.6946

Sweetspot

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



18.9120, -11.7049, 1.6295



26.3270, -7.6351, 1.0323



18.4478, -14.9048, 11.1063



13.9128, -4.1900, 0.5431



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.



18.9120, -11.7049, 1.6295



24.4818, -15.2417, 2.3024



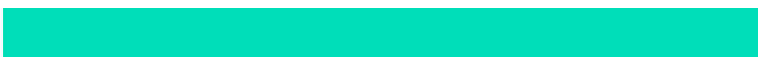
13.7839, -3.0929, -10.5514



11.3749, -1.3638, 0.5486



29.3779, -18.3525, 2.8979



74.6230, -47.1349, 8.4784

Inverse Universe

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



10.0702, 17.4622, 4.8198



13.0129, 22.5076, 6.6838



12.2652, 10.2717, 7.7373



10.8537, 0.2088, 0.6761



15.6015, 26.9478, 8.3006



39.5418, 68.0445, 23.0093

Previews

White Background



This preview shows how the HunterLab color 18.9116, -11.7048, 1.6293 looks on a white background.

Color Contrast Check

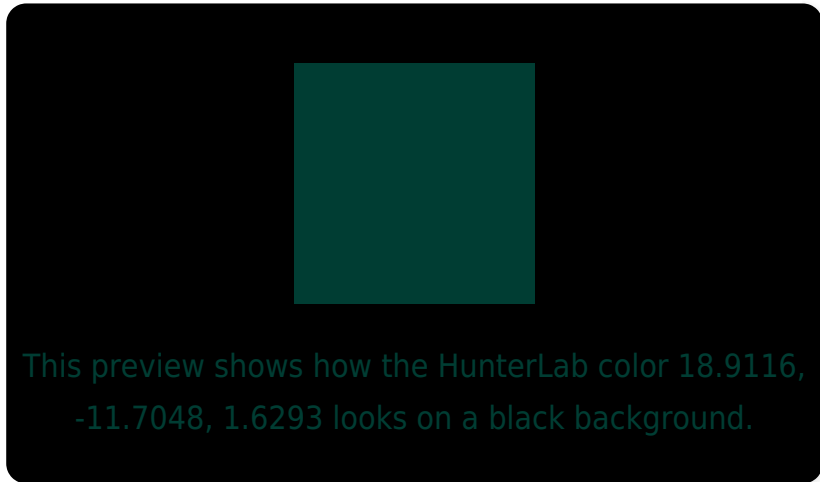
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9116, -11.7048, 1.6293 Background



This preview shows how black text looks on a background with the HunterLab color 18.9116, -11.7048, 1.6293.



This preview shows how white text looks on a background with the HunterLab color 18.9116,

-11.7048, 1.6293.

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

18.9116, -11.7048, 1.6293

Protanopia

19.1946, -1.3850, 3.4963

Deuteranopia

19.0862, 0.9616, 1.3147



Tritanopia

19.0191, -7.7503, -3.5371

Trichromacy



Original Color

18.9116, -11.7048, 1.6293

Protanomaly

18.7476, -6.8707, 2.5885

Deuteranomaly

18.4184, -5.2383, 0.7995

Tritanomaly

19.0227, -9.4247, -1.3396

Monochromacy



Original Color

18.9116, -11.7048, 1.6293

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

16.1836, -5.9977, 0.7720

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.9116, -11.7048, 1.6293 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, 61, 51)` looks like.

```
.text, #text, p{  
    color:rgb(0, 61, 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, 61, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 61, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 18.9116, -11.7048, 1.6293 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, 61, 51) }
```


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

```
.border{ border-color:rgb(0, 61, 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, 61, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 61, 51); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 61, 51); box-shadow:4px  
4px 4px 4px rgb(0, 61, 51) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.9116, -11.7048, 1.6293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 61, 51) }
```

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

```
.background{ background-color: rgb(0, 61,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor