

Converting Colors

HunterLab(18.1117, -11.7768,
1.3099)

Have a look what the booklet for
HunterLab(18.1117, -11.7768,
1.3099) contains.

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Color

**HunterLab(18.3021,
-11.3686, 1.6655)**

Conversions

Conversions Part 1

Format	Color
Hex	003B31
RGB	0, 59, 49
RGB Percent	0%, 23%, 19%
CMY	1.0000, 0.7686, 0.8078
CMYK	1.00, 0.00, 0.17, 0.77
HSL	170°, 100%, 12%
HSV	170°, 100%, 23%
XYZ	2.1183, 3.3497, 3.4406
YIQ	40.2190, -31.9540, -15.6180

Conversions

Conversions Part 2

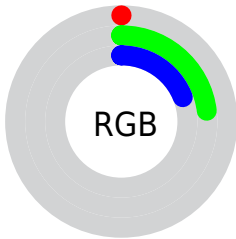
Format	Color
RYB	0, 32, 59
Decimal	15153
CIELab	21.39, -20.47, 1.24
CIELCh	21, 20.506, 176.529
Yxy	3.3498, 0.2378, 0.3760
Android (android.graphics.Color)	4278205233 (0xFF003B31)
YUV	40.2190, 4.3290, -35.2721
Hunter-Lab	18.3021, -11.3686, 1.6655

Details

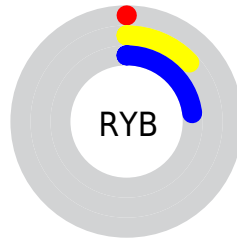
The HunterLab color **18.3021, -11.3686, 1.6655** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **9.7561, 16.9309, 4.5624**, and the grayscale version is **14.6319, -0.7807, 0.7950**.

A 20% lighter version of the original color is **34.8624, -15.4460, 2.7992**, and **4.7060, -3.7029, 2.1114** is the 20% darker color. If you saturate the color by 10%, you get **18.3024, -11.3689, 1.6658**, and if you desaturate by 10%, it is **18.4293, -10.8109, 1.4585**.

Distribution



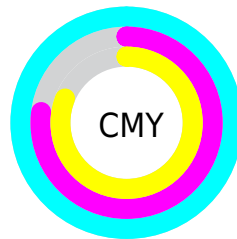
- Red (0%)
- Green (23%)
- Blue (19%)



- Red (0%)
- Yellow (13%)
- Blue (23%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (77%)



- Cyan (100%)
- Magenta (77%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.3021, -11.3686, 1.6655 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 18.3021, -11.3686, 1.6655 by changing the saturation by 10% instead.

18.3021, -11.3686,
1.6655

18.3021, -11.3686,
1.6655

115.0892,
-27.1782, 7.5173

11.4759, -9.2072,
1.1936

34.8023, -15.3355,
2.7294

3.9279, -6.8738,
1.5239

44.2834, -17.1539,
3.3170

0.0000, NaN, NaN

0.0000, NaN, NaN

54.4968, -18.9068,
3.9392

0.0000, NaN, NaN

65.3932, -20.6129,
4.5943

0.0000, NaN, NaN

76.9323, -22.2850,
5.2810

0.0000, NaN, NaN

0.0000, NaN, NaN

89.0801, -23.9323,

5.9978

0.0000, NaN, NaN

101.8075,
-25.5617, 6.7435

18.3021, -11.3686,
1.6655

18.3021, -11.3686,
1.6655

18.3024, -11.3689,
1.6658

18.4293, -10.8109,
1.4585

18.5575, -10.2520,
1.2489

18.7129, -9.5891,
1.0691

18.9062, -8.7842,
0.9332

19.1389, -7.8365,
0.8441

■ 19.4121, -6.7483,
0.8036

■ 19.7262, -5.5244,
0.8128

■ 20.0814, -4.1717,
0.8718

■ 20.4773, -2.6988,
0.9801

Harmonies

Analogous

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



18.3025, -9.8517, 6.1871



18.3021, -11.3686, 1.6655



18.3025, -10.4200, -4.7886

Triad

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



18.3025, -11.3687, 1.6657



18.3025, 4.6225, -12.2334



18.3025, 6.0280, 8.1262

Complementary

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



18.3021, -11.3686, 1.6655



9.7561, 16.9309, 4.5624

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.



18.3025, 10.8789, 5.3504



18.3021, -11.3686, 1.6655



18.3025, 9.9949, -6.3759

Square

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



18.3025, -11.3687, 1.6657



18.3025, -1.6895, -14.2079



18.3025, 12.4181, 0.3005



18.3025, -0.2545, 9.0550

Rectangle

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



18.3021, -11.3686, 1.6655



18.3025, -8.4384, -9.2195



18.3025, 12.4181, 0.3005



18.3025, 7.9106, 7.4349

Sweetspot

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



18.3025, -11.3687, 1.6657



25.4672, -7.3779, 1.0463



17.8828, -14.3296, 10.7682



13.1501, -3.9210, 0.5394



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.



18.3025, -11.3687, 1.6657



23.6705, -14.7944, 2.3509



13.6195, -3.4012, -9.6805



11.3745, -1.3659, 0.5541



29.3649, -18.4307, 3.0829



74.5881, -47.3461, 8.9780

Inverse Universe

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



9.7561, 16.9309, 4.5624



12.5938, 21.7973, 6.3545



11.7686, 10.2143, 7.4303



10.8541, 0.2108, 0.6707



15.6065, 26.9661, 8.2275



39.5516, 68.0808, 22.8645

Previews

White Background



This preview shows how the HunterLab color 18.3021, -11.3686, 1.6655 looks on a white background.

Color Contrast Check

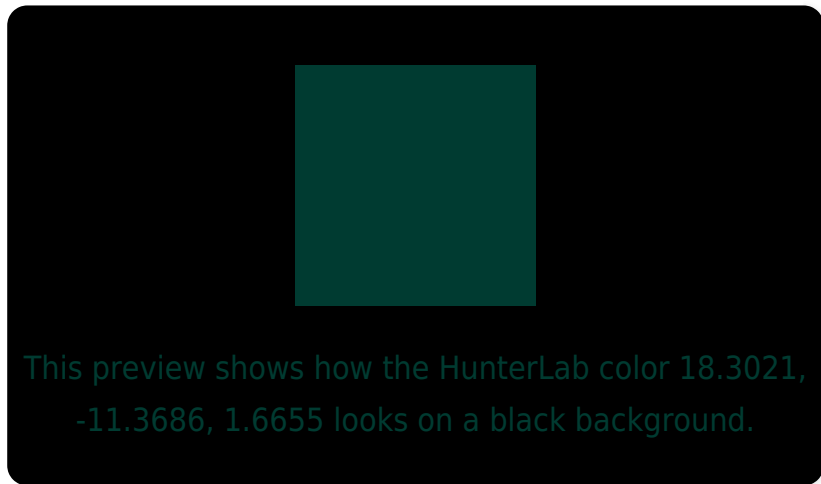
Large Text (above 18pt) WCAG AA ✓ Pass

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

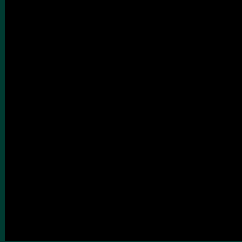
Any Text WCAG AA × Fail

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 18.3021, -11.3686, 1.6655 Background



This preview shows how black text looks on a background with the HunterLab color 18.3021, -11.3686, 1.6655.



This preview shows how white text looks on a background with the HunterLab color 18.3021,

-11.3686, 1.6655.

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

18.3021, -11.3686, 1.6655

Protanopia

18.5195, -1.3446, 3.4400

Deuteranopia

18.4122, 0.9877, 1.2774



Tritanopia

18.4207, -7.3926, -3.4475

Trichromacy



Original Color

18.3021, -11.3686, 1.6655

Protanomaly

18.0824, -6.7776, 2.5484

Deuteranomaly

17.7526, -5.1620, 0.7706

Tritanomaly

18.4192, -9.0762, -1.2692

Monochromacy



Original Color

18.3021, -11.3686, 1.6655

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

15.5374, -5.8972, 0.7495

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.3021, -11.3686, 1.6655 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, 49)` looks like.

```
.text, #text, p{  
    color:rgb(0, 59, 49)  
}
```

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, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 59, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 18.3021, -11.3686, 1.6655 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, 49) }
```


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

```
.border{ border-color:rgb(0, 59, 49) }
```

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, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 59, 49); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 59, 49); box-shadow:4px  
4px 4px 4px rgb(0, 59, 49) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.3021, -11.3686, 1.6655 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, 49) }
```

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

```
.background{ background-color: rgb(0, 59,  
49) }
```

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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