

Converting Colors

HunterLab(27.2876, -27.7731,
-20.4376)

Have a look what the booklet for
HunterLab(27.2876, -27.7731,
-20.4376) contains.

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Color

**HunterLab(31.0646,
-11.8779, -13.1871)**

Conversions

Conversions Part 1

Format	Color
Hex	006075
RGB	0, 96, 117
RGB Percent	0%, 38%, 46%
CMY	0.9999, 0.6235, 0.5412
CMYK	1.00, 0.18, 0.00, 0.54
HSL	191°, 100%, 23%
HSV	191°, 100%, 46%
XYZ	7.3937, 9.6501, 18.3026
YIQ	69.6900, -63.9570, -13.8210

Conversions

Conversions Part 2

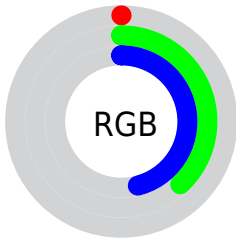
Format	Color
RYB	0, 53, 117
Decimal	24693
CIELab	37.21, -15.90, -18.64
CIELCh	37, 24.500, 229.540
Yxy	9.6504, 0.2092, 0.2730
Android (android.graphics.Color)	4278214773 (0xFF006075)
YUV	69.6900, 23.3238, -61.1181
Hunter-Lab	31.0646, -11.8779, -13.1871

Details

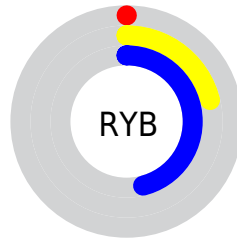
The HunterLab color **31.0646, -11.8779, -13.1871** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **20.7816, 28.9509, 13.3113**, and the grayscale version is **24.5766, -1.3113, 1.3353**.

A 20% lighter version of the original color is **50.2273, -15.0555, -13.6226**, and **16.2059, -4.4313, -10.6901** is the 20% darker color. If you saturate the color by 10%, you get **31.0643, -11.8773, -13.1879**, and if you desaturate by 10%, it is **31.8038, -12.2396, -11.9917**.

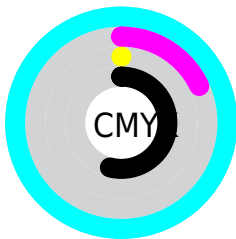
Distribution



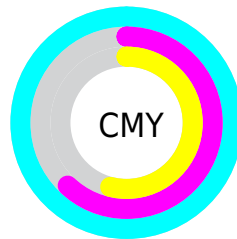
- Red (0%)
- Green (38%)
- Blue (46%)



- Red (0%)
- Yellow (21%)
- Blue (46%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (62%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.0646, -11.8779, -13.1871 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 31.0646, -11.8779, -13.1871 by changing the saturation by 10% instead.

■ 31.0646, -11.8779,
-13.1871

■ 31.0646, -11.8779,
-13.1871

137.1709,
-24.8493, -14.1420

■ 22.7328, -10.2722,
-12.7657

■ 50.1357, -14.8977,
-13.8329

■ 15.3168, -8.5510,
-12.3099

■ 60.7516, -16.3530,
-14.0536

■ 8.9327, -8.2326,
-11.9760

■ 72.0261, -17.7876,
-14.2094

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 83.9229, -19.2088,
-14.3042

0.0000, NaN, NaN

■ 96.4109, -20.6221,
-14.3415

0.0000, NaN, NaN

■ 109.4635,

0.0000, NaN, NaN

-22.0313, -14.3249

0.0000, NaN, NaN

123.0570,
-23.4396, -14.2575

31.0646, -11.8779,
-13.1871

31.0646, -11.8779,
-13.1871

31.0643, -11.8773,
-13.1879

31.8038, -12.2396,
-11.9917

32.5953, -12.4084,
-10.7451

33.4751, -12.2490,
-9.3955

34.4471, -11.7517,
-7.9468

35.5123, -10.9183,
-6.4070

■ 36.6702, -9.7593,
-4.7860

■ 37.9188, -8.2914,
-3.0948

■ 39.2555, -6.5349,
-1.3444

■ 40.6767, -4.5126,
0.4549

Harmonies

Analogous

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



31.0651, -16.0285, -4.1773



31.0646, -11.8779, -13.1871



31.0651, -4.6668, -18.6226

Triad

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



31.0651, -11.8777, -13.1866



31.0651, 16.7568, -1.3700



31.0651, -7.1090, 13.3419

Complementary

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



31.0646, -11.8779, -13.1871



20.7816, 28.9509, 13.3113

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.



31.0651, 1.4673, 13.7052



31.0646, -11.8779, -13.1871



31.0651, 15.9151, 6.5992

Square

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



31.0651, -11.8777, -13.1866



31.0651, 12.2650, -10.6471



31.0651, 10.0789, 11.6002



31.0651, -13.4943, 10.4150

Rectangle

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



31.0646, -11.8779, -13.1871



31.0651, 1.1899, -18.6941



31.0651, 10.0789, 11.6002



31.0651, -4.4092, 13.7296

Sweetspot

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



31.0651, -11.8777, -13.1866



50.6060, -11.2641, -4.3225



35.7373, -30.1568, 20.4327



23.9966, -5.7276, -2.4336



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



31.0651, -11.8777, -13.1866



41.3562, -15.6094, -17.9955



16.5411, 13.5373, -49.8951



20.1218, -2.1234, 0.3097



32.5760, -12.4261, -13.8928



71.1189, -26.3689, -31.9695

Inverse Universe

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



21.5100, 40.7592, -16.5362



28.7519, 54.4360, -21.7111



30.3833, 5.9370, 18.8252



19.3577, 1.1625, -0.1482



22.5727, 42.7694, -17.2970



49.7146, 94.0078, -36.6349

Previews

White Background



This preview shows how the HunterLab color 31.0646, -11.8779, -13.1871 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 31.0646, -11.8779, -13.1871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

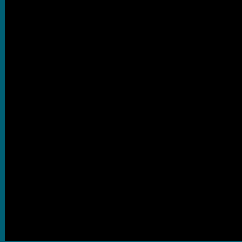
Any Text WCAG AA × Fail

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 31.0646, -11.8779, -13.1871 Background



This preview shows how black text looks on a background with the HunterLab color 31.0646, -11.8779, -13.1871.



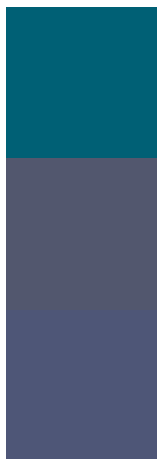
This preview shows how white text looks on a background with the HunterLab color 31.0646, -11.8779, -13.1871.

-11.8779, -13.1871.

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

31.0646, -11.8779, -13.1871

Protanopia

31.2026, 0.8994, -8.7883

Deuteranopia

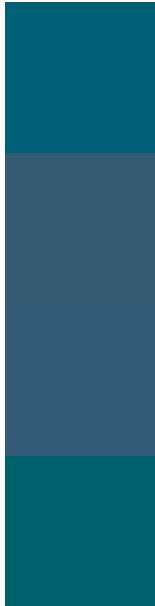
30.9955, 2.1920, -14.2471



Tritanopia

30.9343, -14.7557, -6.8119

Trichromacy



Original Color

31.0646, -11.8779, -13.1871

Protanomaly

30.3886, -5.8775, -11.8586

Deuteranomaly

30.4934, -5.1194, -14.6252

Tritanomaly

31.0701, -13.9560, -8.7078

Monochromacy



Original Color

31.0646, -11.8779, -13.1871

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

26.1495, -7.5458, -4.4632

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.0646, -11.8779, -13.1871 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, 96, 117)` looks like.

```
.text, #text, p{  
    color:rgb(0, 96, 117)  
}
```

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, 96, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 96, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 31.0646, -11.8779, -13.1871 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, 96, 117) }
```


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

```
.border{ border-color:rgb(0, 96, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 96, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 96, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 96, 117);  
box-shadow:4px 4px 4px 4px rgb(0, 96, 117)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.0646, -11.8779, -13.1871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 96, 117) }
```

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

```
.background{ background-color: rgb(0, 96,  
117) }
```

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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