

Converting Colors

HunterLab(28.0804, -24.5509,
-20.9622)

Have a look what the booklet for
HunterLab(28.0804, -24.5509,
-20.9622) contains.

HunterLab(31.4729, -11.6061, -14.2842)	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(31.4729,
-11.6061, -14.2842)**

Conversions

Conversions Part 1

Format	Color
Hex	006178
RGB	0, 97, 120
RGB Percent	0%, 38%, 47%
CMY	0.9999, 0.6196, 0.5294
CMYK	1.00, 0.19, 0.00, 0.53
HSL	192°, 100%, 24%
HSV	192°, 100%, 47%
XYZ	7.6648, 9.9054, 19.2772
YIQ	70.6190, -65.1950, -13.4110

Conversions

Conversions Part 2

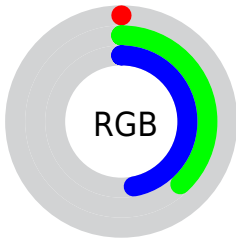
Format	Color
RYB	0, 54, 120
Decimal	24952
CIELab	37.67, -15.33, -19.76
CIELCh	38, 25.010, 232.208
Yxy	9.9058, 0.2080, 0.2688
Android (android.graphics.Color)	4278215032 (0xFF006178)
YUV	70.6190, 24.3448, -61.9329
Hunter-Lab	31.4729, -11.6061, -14.2842

Details

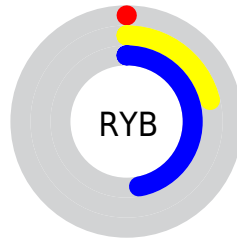
The HunterLab color **31.4729, -11.6061, -14.2842** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **21.4626, 29.4115, 13.7390**, and the grayscale version is **24.9017, -1.3287, 1.3530**.

A 20% lighter version of the original color is **50.6901, -14.6992, -14.6737**, and **16.5413, -4.3656, -11.2510** is the 20% darker color. If you saturate the color by 10%, you get **31.4725, -11.6054, -14.2852**, and if you desaturate by 10%, it is **32.2727, -12.0496, -12.9700**.

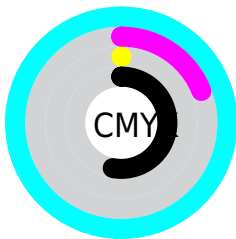
Distribution



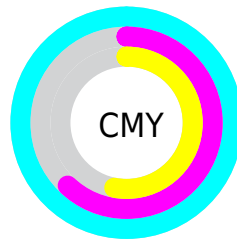
- Red (0%)
- Green (38%)
- Blue (47%)



- Red (0%)
- Yellow (21%)
- Blue (47%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (62%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.4729, -11.6061, -14.2842 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 31.4729, -11.6061, -14.2842 by changing the saturation by 10% instead.

31.4729, -11.6061,
-14.2842

31.4729, -11.6061,
-14.2842

137.8399,
-24.2990, -15.5411

23.1009, -10.0485,
-13.8378

50.6144, -14.5464,
-14.9935

15.6398, -8.3847,
-13.3689

61.2618, -15.9673,
-15.2485

9.2164, -7.7385,
-13.0139

72.5660, -17.3702,
-15.4390

0.0000, NaN, -NF

0.0000, NaN, NaN

84.4910, -18.7619,
-15.5684

0.0000, NaN, NaN

97.0058, -20.1473,
-15.6402

0.0000, NaN, NaN

0.0000, NaN, NaN

110.0840,

-21.5302, -15.6576

0.0000, NaN, NaN

123.7022,
-22.9133, -15.6237

31.4729, -11.6061,
-14.2842

31.4729, -11.6061,
-14.2842

31.4725, -11.6054,
-14.2852

32.2727, -12.0496,
-12.9700

33.1286, -12.2867,
-11.6032

34.0768, -12.1835,
-10.1323

35.1206, -11.7306,
-8.5623

36.2609, -10.9308,
-6.9023

■ 37.4968, -9.7960,
-5.1632

■ 38.8262, -8.3440,
-3.3567

■ 40.2457, -6.5964,
-1.4942

■ 41.7518, -4.5769,
0.4135

Harmonies

Analogous

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



31.4734, -16.1631, -5.1712



31.4729, -11.6061, -14.2842



31.4734, -3.9947, -19.3694

Triad

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



31.4734, -11.6059, -14.2836



31.4734, 17.3804, -0.6032



31.4734, -7.9628, 13.4672

Complementary

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



31.4729, -11.6061, -14.2842



21.4626, 29.4115, 13.7390

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.



31.4734, 0.7015, 14.0547



31.4729, -11.6061, -14.2842



31.4734, 16.0105, 7.3254

Square

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



31.4734, -11.6059, -14.2836



31.4734, 13.2067, -10.1464



31.4734, 9.6500, 12.1492



31.4734, -14.2305, 10.2288

Rectangle

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



31.4729, -11.6061, -14.2842



31.4734, 2.0654, -19.0162



31.4734, 9.6500, 12.1492



31.4734, -5.2600, 13.9359

Sweetspot

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



31.4734, -11.6059, -14.2836



51.3555, -11.2235, -4.6332



36.7302, -30.9321, 20.8653



24.7026, -5.8010, -2.6571



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



31.4734, -11.6059, -14.2836



41.5197, -15.0954, -19.3094



16.5620, 15.0301, -53.1438



20.9478, -2.1913, 0.2937



32.8430, -12.0821, -14.9692



70.9021, -25.2666, -34.0782

Inverse Universe

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



22.0375, 41.6526, -16.1189



29.1935, 55.1310, -20.9512



31.6677, 5.2518, 19.6047



20.1618, 1.2205, -0.1375



23.0126, 43.4925, -16.7786



50.1419, 94.5696, -35.0410

Previews

White Background



This preview shows how the HunterLab color 31.4729, -11.6061, -14.2842 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 31.4729, -11.6061, -14.2842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

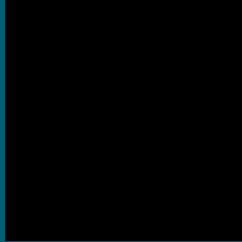
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

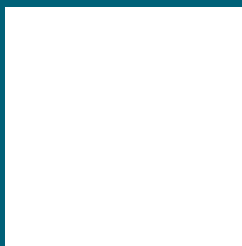
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 31.4729, -11.6061, -14.2842 Background



This preview shows how black text looks on a background with the HunterLab color 31.4729, -11.6061, -14.2842.



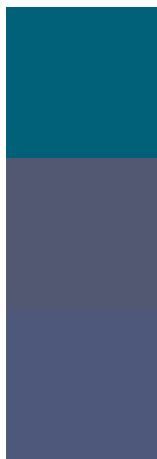
This preview shows how white text looks on a background with the HunterLab color 31.4729,

-11.6061, -14.2842.

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

31.4729, -11.6061, -14.2842

Protanopia

31.5682, 1.0172, -9.8720

Deuteranopia

31.6296, 1.8981, -14.9910



Tritanopia

31.5663, -15.2993, -6.4283

Trichromacy



Original Color

31.4729, -11.6061, -14.2842

Protanomaly

30.7785, -5.6707, -12.9626

Deuteranomaly

30.8881, -4.8891, -15.7748

Tritanomaly

31.4373, -13.9244, -9.2353

Monochromacy



Original Color

31.4729, -11.6061, -14.2842

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

26.4886, -7.5803, -4.9653

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.4729, -11.6061, -14.2842 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, 97, 120)` looks like.

```
.text, #text, p{  
    color:rgb(0, 97, 120)  
}
```

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, 97, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 97, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 31.4729, -11.6061, -14.2842 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, 97, 120) }
```


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

```
.border{ border-color:rgb(0, 97, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 97, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 97, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 97, 120);  
box-shadow:4px 4px 4px 4px rgb(0, 97, 120)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.4729, -11.6061, -14.2842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 97, 120) }
```

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

```
.background{ background-color: rgb(0, 97,  
120) }
```

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