

Converting Colors

HunterLab(31.2758, -15.1929,
-12.7000)

Have a look what the booklet for
HunterLab(31.2758, -15.1929,
-12.7000) contains.

HunterLab(31.9500, -13.0461, -11.7719)	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(31.9500,
-13.0461, -11.7719)**

Conversions

Conversions Part 1

Format	Color
Hex	006375
RGB	0, 99, 117
RGB Percent	0%, 39%, 46%
CMY	0.9999, 0.6118, 0.5412
CMYK	1.00, 0.15, 0.00, 0.54
HSL	189°, 100%, 23%
HSV	189°, 100%, 46%
XYZ	7.6727, 10.2080, 18.3956
YIQ	71.4510, -64.7820, -15.3900

Conversions

Conversions Part 2

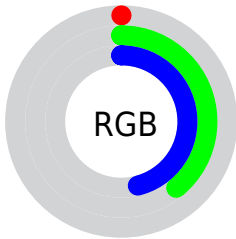
Format	Color
RYB	0, 54, 117
Decimal	25461
CIELab	38.21, -17.58, -17.09
CIELCh	38, 24.523, 224.187
Yxy	10.2084, 0.2115, 0.2814
Android (android.graphics.Color)	4278215541 (0xFF006375)
YUV	71.4510, 22.4557, -62.6625
Hunter-Lab	31.9500, -13.0461, -11.7719

Details

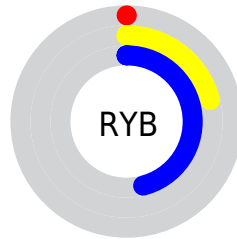
The HunterLab color **31.9500, -13.0461, -11.7719** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **20.5305, 29.7384, 13.1703**, and the grayscale version is **25.2028, -1.3448, 1.3693**.

A 20% lighter version of the original color is **51.1597, -16.3655, -12.2635**, and **16.9872, -5.5366, -9.2805** is the 20% darker color. If you saturate the color by 10%, you get **31.9498, -13.0457, -11.7726**, and if you desaturate by 10%, it is **32.6027, -13.2929, -10.7492**.

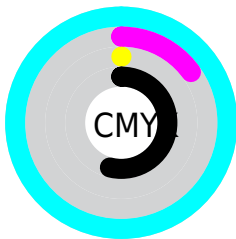
Distribution



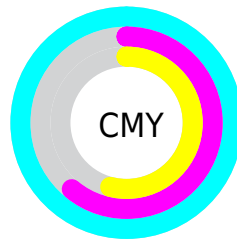
- Red (0%)
- Green (39%)
- Blue (46%)



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



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (61%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.9500, -13.0461, -11.7719 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 31.9500, -13.0461, -11.7719 by changing the saturation by 10% instead.

31.9500, -13.0461,
-11.7719

31.9500, -13.0461,
-11.7719

138.6192,
-26.8031, -12.2073

23.5316, -11.3196,
-11.4001

51.1730, -16.2782,
-12.3007

16.0183, -9.4639,
-10.9732

61.8569, -17.8286,
-12.4609

9.5369, -8.5475,
-10.5616

73.1956, -19.3529,
-12.5569

0.0000, NaN, -NF

0.0000, NaN, NaN

85.1533, -20.8590,
-12.5928

0.0000, NaN, NaN

97.6993, -22.3531,
-12.5724

0.0000, NaN, NaN

0.0000, NaN, NaN

110.8072,

-23.8397, -12.4993

0.0000, NaN, NaN

124.4541,
-25.3221, -12.3767

31.9500, -13.0461,
-11.7719

31.9500, -13.0461,
-11.7719

31.9498, -13.0457,
-11.7726

32.6027, -13.2929,
-10.7492

33.3060, -13.3493,
-9.6705

34.0960, -13.0810,
-8.4848

34.9772, -12.4757,
-7.1940

35.9513, -11.5331,
-5.8042

■ 37.0185, -10.2618,
-4.3243

■ 38.1774, -8.6769,
-2.7641

■ 39.4259, -6.7980,
-1.1343

■ 40.7608, -4.6471,
0.5549

Harmonies

Analogous

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



31.9506, -16.6254, -2.5010



31.9500, -13.0461, -11.7719



31.9506, -6.2251, -18.1552

Triad

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



31.9506, -13.0460, -11.7714



31.9506, 16.4271, -3.0083



31.9506, -5.7825, 13.8143

Complementary

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



31.9500, -13.0461, -11.7719



20.5305, 29.7384, 13.1703

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.



31.9506, 3.0780, 13.7479



31.9500, -13.0461, -11.7719



31.9506, 16.5791, 5.4676

Square

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



31.9506, -13.0460, -11.7714



31.9506, 11.0796, -12.2290



31.9506, 11.4746, 11.1114



31.9506, -12.7526, 11.3275

Rectangle

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



31.9500, -13.0461, -11.7719



31.9506, -0.4509, -19.0575



31.9506, 11.4746, 11.1114



31.9506, -2.9431, 14.0630

Sweetspot

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



31.9506, -13.0460, -11.7714



50.9613, -11.7927, -3.8667



35.7283, -30.2141, 20.5679



24.1858, -6.0061, -2.1879



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.



31.9506, -13.0460, -11.7714



42.5697, -17.2159, -16.0442



16.9338, 12.5580, -48.2718



20.1592, -2.1836, 0.3541



33.5096, -13.6587, -12.3989



73.2862, -29.2511, -28.4567

Inverse Universe

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



21.6405, 41.2193, -18.2857



28.9302, 55.0646, -24.1026



29.9307, 6.8089, 18.5616



19.3616, 1.1835, -0.2040



22.7102, 43.2543, -19.1408



50.0313, 95.1255, -40.8900

Previews

White Background



This preview shows how the HunterLab color 31.9500, -13.0461, -11.7719 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 × Fail

Black Background



This preview shows how the HunterLab color 31.9500, -13.0461, -11.7719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

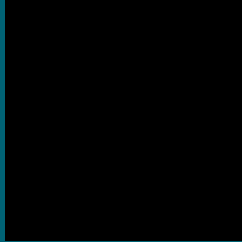
Any Text WCAG AA × Fail

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 31.9500, -13.0461, -11.7719 Background



This preview shows how black text looks on a background with the HunterLab color 31.9500, -13.0461, -11.7719.



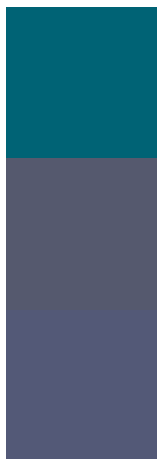
This preview shows how white text looks on a background with the HunterLab color 31.9500,

-13.0461, -11.7719.

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

31.9500, -13.0461, -11.7719

Protanopia

31.9403, 0.7341, -7.6892

Deuteranopia

32.1180, 1.9787, -12.3923



Tritanopia

31.9328, -15.2780, -6.9324

Trichromacy



Original Color

31.9500, -13.0461, -11.7719

Protanomaly

31.3133, -6.8215, -10.4052

Deuteranomaly

31.4541, -5.9419, -13.0297

Tritanomaly

32.0344, -14.6793, -8.3519

Monochromacy



Original Color

31.9500, -13.0461, -11.7719

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

26.7345, -8.1531, -4.1443

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.9500, -13.0461, -11.7719 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, 99, 117)` looks like.

```
.text, #text, p{  
    color:rgb(0, 99, 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, 99, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 99, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 31.9500, -13.0461, -11.7719 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, 99, 117) }
```


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

```
.border{ border-color:rgb(0, 99, 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, 99, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 99, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 99, 117);  
box-shadow:4px 4px 4px 4px rgb(0, 99, 117)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.9500, -13.0461, -11.7719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 99, 117) }
```

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

```
.background{ background-color: rgb(0, 99,  
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](#).

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