

Converting Colors

HunterLab(27.4273, -28.8137,
-13.5196)

Have a look what the booklet for
HunterLab(27.4273, -28.8137,
-13.5196) contains.

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Color

**HunterLab(31.0015,
-14.3596, -7.7510)**

Conversions

Conversions Part 1

Format	Color
Hex	00616B
RGB	0, 97, 107
RGB Percent	0%, 38%, 42%
CMY	1.0000, 0.6196, 0.5804
CMYK	1.00, 0.09, 0.00, 0.58
HSL	186°, 100%, 21%
HSV	186°, 100%, 42%
XYZ	6.9285, 9.6109, 15.3999
YIQ	69.1370, -61.0220, -17.4540

Conversions

Conversions Part 2

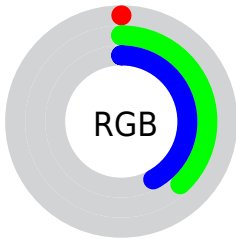
Format	Color
RYB	0, 51, 107
Decimal	24939
CIELab	37.14, -20.16, -12.59
CIELCh	37, 23.770, 211.985
Yxy	9.6113, 0.2169, 0.3009
Android (android.graphics.Color)	4278215019 (0xFF00616B)
YUV	69.1370, 18.6665, -60.6331
Hunter-Lab	31.0015, -14.3596, -7.7510

Details

The HunterLab color **31.0015, -14.3596, -7.7510** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **18.2843, 28.2583, 11.7604**, and the grayscale version is **24.3964, -1.3017, 1.3255**.

A 20% lighter version of the original color is **50.0649, -18.0562, -7.7746**, and **16.1476, -6.6338, -5.8627** is the 20% darker color. If you saturate the color by 10%, you get **31.0017, -14.3596, -7.7511**, and if you desaturate by 10%, it is **31.4108, -14.3036, -7.1515**.

Distribution



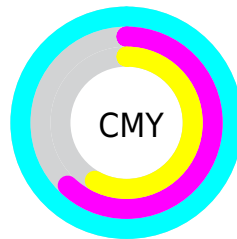
- Red (0%)
- Green (38%)
- Blue (42%)



- Red (0%)
- Yellow (20%)
- Blue (42%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.0015, -14.3596, -7.7510 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 31.0015, -14.3596, -7.7510 by changing the saturation by 10% instead.

31.0015, -14.3596,
-7.7510

31.0015, -14.3596,
-7.7510

137.0674,
-29.3823, -6.7855

22.6760, -12.4185,
-7.5305

50.0617, -17.9502,
-7.9551

15.2670, -10.3090,
-7.2271

60.6727, -19.6562,
-7.9525

8.8879, -10.3595,
-6.9014

71.9426, -21.3246,
-7.8880

0.0000, NaN, -NF

0.0000, NaN, NaN

83.8350, -22.9656,
-7.7665

0.0000, NaN, NaN

96.3189, -24.5868,
-7.5921

0.0000, NaN, NaN

0.0000, NaN, NaN

109.3675,

-26.1940, -7.3685

0.0000, NaN, NaN

122.9572,
-27.7913, -7.0988

31.0015, -14.3596,
-7.7510

31.0015, -14.3596,
-7.7510

31.0017, -14.3596,
-7.7511

31.4108, -14.3036,
-7.1515

31.8582, -14.1002,
-6.5035

32.3806, -13.6113,
-5.7554

32.9829, -12.8227,
-4.9054

33.6681, -11.7303,
-3.9551

■ 34.4375, -10.3382,
-2.9093

■ 35.2913, -8.6567,
-1.7744

■ 36.2285, -6.7010,
-0.5581

■ 37.2474, -4.4898,
0.7311

Harmonies

Analogous

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



31.0021, -16.3838, 1.1431



31.0015, -14.3596, -7.7510



31.0021, -8.9792, -15.4567

Triad

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



31.0021, -14.3595, -7.7505



31.0021, 14.1671, -6.5580



31.0021, -2.2210, 13.5686

Complementary

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



31.0015, -14.3596, -7.7510



18.2843, 28.2583, 11.7604

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.



31.0021, 6.4175, 12.5310



31.0015, -14.3596, -7.7510



31.0021, 16.4674, 2.2222

Square

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



31.0021, -14.3595, -7.7505



31.0021, 7.5044, -14.6476



31.0021, 13.4934, 8.8573



31.0021, -9.8624, 12.2066

Rectangle

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



31.0015, -14.3596, -7.7510



31.0021, -3.9065, -18.0421



31.0021, 13.4934, 8.8573



31.0021, 0.6609, 13.4900

Sweetspot

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



31.0021, -14.3595, -7.7505



47.1224, -11.7914, -2.5090



32.4579, -27.6170, 19.0487



22.9997, -6.1690, -1.4770



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



31.0021, -14.3595, -7.7505



41.3719, -19.0740, -10.5359



17.0506, 7.6065, -37.7298



18.5634, -2.1114, 0.4310



34.1601, -15.7959, -8.5984



76.6688, -35.1027, -20.0526

Inverse Universe

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



19.9729, 38.5225, -20.5912



26.7081, 51.4894, -27.3224



25.7238, 9.1721, 16.0108



17.7743, 1.0911, -0.2836



22.0235, 42.4727, -22.6425



49.6450, 95.6329, -50.2020

Previews

White Background



This preview shows how the HunterLab color 31.0015, -14.3596, -7.7510 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 31.0015, -14.3596, -7.7510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

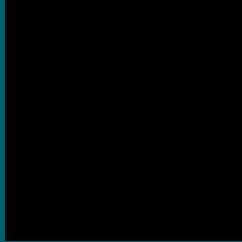
Any Text WCAG AA × Fail

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 31.0015, -14.3596, -7.7510 Background



This preview shows how black text looks on a background with the HunterLab color 31.0015, -14.3596, -7.7510.



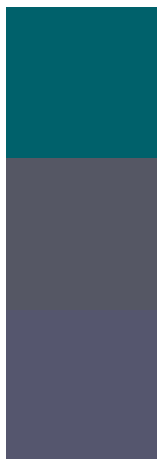
This preview shows how white text looks on a background with the HunterLab color 31.0015,

-14.3596, -7.7510.

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

31.0015, -14.3596, -7.7510

Protanopia

31.0931, -0.1347, -3.8331

Deuteranopia

31.1651, 2.0983, -8.8240

Trichromacy



Original Color

31.0015, -14.3596, -7.7510

Protanomaly

30.4068, -7.9476, -6.4236

Deuteranomaly

30.3327, -6.3703, -9.7006

Monochromacy



Original Color

31.0015, -14.3596, -7.7510

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

25.9846, -8.4052, -2.8085

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.0015, -14.3596, -7.7510 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, 107)` looks like.

```
.text, #text, p{  
    color:rgb(0, 97, 107)  
}
```

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, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 97, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 31.0015, -14.3596, -7.7510 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, 107) }
```

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

```
.border{ border-color:rgb(0, 97, 107) }
```

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, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 97, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 97, 107);  
box-shadow:4px 4px 4px 4px rgb(0, 97, 107)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 31.0015, -14.3596, -7.7510 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, 107) }
```

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

```
.background{ background-color: rgb(0, 97,  
107) }
```

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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