

Converting Colors

HunterLab(28.1591, -35.0325,
-17.5104)

Have a look what the booklet for
HunterLab(28.1591, -35.0325,
-17.5104) contains.

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Color

**HunterLab(33.0731,
-14.9990, -8.9600)**

Conversions

Conversions Part 1

Format	Color
Hex	006773
RGB	0, 103, 115
RGB Percent	0%, 40%, 45%
CMY	1.0000, 0.5961, 0.5490
CMYK	1.00, 0.10, 0.00, 0.55
HSL	186°, 100%, 23%
HSV	186°, 100%, 45%
XYZ	7.9448, 10.9383, 17.9122
YIQ	73.5710, -65.2400, -18.1040

Conversions

Conversions Part 2

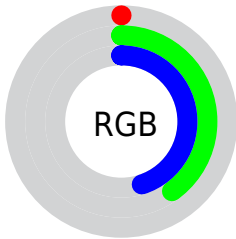
Format	Color
RYB	0, 54, 115
Decimal	26483
CIELab	39.48, -20.50, -13.94
CIElCh	39, 24.793, 214.205
Yxy	10.9387, 0.2159, 0.2973
Android (android.graphics.Color)	4278216563 (0xFF006773)
YUV	73.5710, 20.4245, -64.5218
Hunter-Lab	33.0731, -14.9990, -8.9600

Details

The HunterLab color **33.0731, -14.9990, -8.9600** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **19.7690, 30.4331, 12.7133**, and the grayscale version is **25.9633, -1.3853, 1.4106**.

A 20% lighter version of the original color is **52.3810, -18.3628, -9.4258**, and **17.9822, -7.3744, -6.5570** is the 20% darker color. If you saturate the color by 10%, you get **33.0732, -14.9989, -8.9603**, and if you desaturate by 10%, it is **33.5466, -15.0212, -8.2585**.

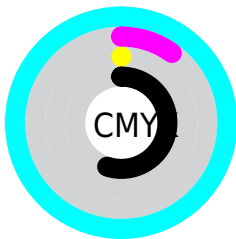
Distribution



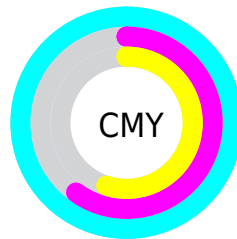
- Red (0%)
- Green (40%)
- Blue (45%)



- Red (0%)
- Yellow (21%)
- Blue (45%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.0731, -14.9990, -8.9600 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 33.0731, -14.9990, -8.9600 by changing the saturation by 10% instead.

33.0731, -14.9990,
-8.9600

33.0731, -14.9990,
-8.9600

140.4445,
-30.1203, -8.3251

24.5471, -13.0609,
-8.7057

52.4850, -18.6013,
-9.2376

16.9135, -10.9680,
-8.3732

63.2539, -20.3174,
-9.2728

10.2929, -9.3997,
-7.9841

74.6726, -21.9972,
-9.2460

0.0000, NaN, -NF

0.0000, NaN, NaN

86.7061, -23.6506,
-9.1618

0.0000, NaN, NaN

99.3245, -25.2847,
-9.0243

0.0000, NaN, NaN

112.5018,

0.0000, NaN, NaN

-26.9051, -8.8371

0.0000, NaN, NaN

126.2151,
-28.5158, -8.6031

33.0731, -14.9990,
-8.9600

33.0731, -14.9990,
-8.9600

33.0732, -14.9989,
-8.9603

33.5466, -15.0212,
-8.2585

34.0665, -14.8649,
-7.4979

34.6687, -14.3958,
-6.6283

35.3586, -13.5982,
-5.6480

36.1393, -12.4680,
-4.5597

■ 37.0121, -11.0099,
-3.3688

■ 37.9770, -9.2359,
-2.0831

■ 39.0326, -7.1632,
-0.7115

■ 40.1769, -4.8124,
0.7365

Harmonies

Analogous

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



33.0737, -17.4354, 0.5595



33.0731, -14.9990, -8.9600



33.0737, -9.0240, -16.9088

Triad

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



33.0737, -14.9989, -8.9595



33.0737, 15.4608, -6.2702



33.0737, -3.0366, 14.4472

Complementary

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



33.0731, -14.9990, -8.9600



19.7690, 30.4331, 12.7133

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.



33.0737, 6.1764, 13.5318



33.0731, -14.9990, -8.9600



33.0737, 17.5023, 2.9948

Square

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



33.0737, -14.9989, -8.9595



33.0737, 8.6283, -15.0852



33.0737, 13.9415, 9.8399



33.0737, -11.0175, 12.7984

Rectangle

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



33.0731, -14.9990, -8.9600



33.0737, -3.5104, -19.3442



33.0737, 13.9415, 9.8399



33.0737, 0.0143, 14.4251

Sweetspot

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



33.0737, -14.9989, -8.9595



50.7116, -12.5640, -2.9295



35.0529, -29.7990, 20.5156



24.5531, -6.5414, -1.7169



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.



33.0737, -14.9989, -8.9595



44.1303, -19.9107, -12.1776



17.8676, 9.4117, -42.6476



20.2316, -2.2996, 0.4396



35.3365, -16.0047, -9.6180



77.5318, -34.7311, -21.9335

Inverse Universe

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



21.5046, 41.3777, -21.4045



28.7560, 55.3040, -28.3833



28.1102, 9.2199, 17.4820



19.3692, 1.2244, -0.3122



22.9881, 44.2297, -22.8341



50.6732, 97.3807, -49.4359

Previews

White Background



This preview shows how the HunterLab color 33.0731, -14.9990, -8.9600 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 33.0731, -14.9990, -8.9600 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 33.0731, -14.9990, -8.9600 Background



This preview shows how black text looks on a background with the HunterLab color 33.0731, -14.9990, -8.9600.



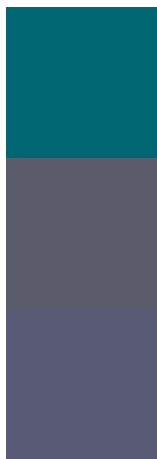
This preview shows how white text looks on a background with the HunterLab color 33.0731, -14.9990, -8.9600.

-14.9990, -8.9600.

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

33.0731, -14.9990, -8.9600

Protanopia

33.0313, 0.2899, -5.1070

Deuteranopia

33.0364, 2.3282, -10.3625



Tritanopia

32.9702, -15.6048, -7.5235

Trichromacy



Original Color

33.0731, -14.9990, -8.9600

Protanomaly

32.2231, -7.9782, -7.9553

Deuteranomaly

32.1537, -6.3590, -11.3314

Tritanomaly

33.0042, -15.4047, -7.9981

Monochromacy



Original Color

33.0731, -14.9990, -8.9600

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

27.9689, -9.2238, -2.9623

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.0731, -14.9990, -8.9600 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, 103, 115)` looks like.

```
.text, #text, p{  
    color:rgb(0, 103, 115)  
}
```

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, 103, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 103, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 33.0731, -14.9990, -8.9600 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, 103, 115) }
```


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

```
.border{ border-color:rgb(0, 103, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 103, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 103, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 103, 115);  
box-shadow:4px 4px 4px 4px rgb(0, 103,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.0731, -14.9990, -8.9600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 103, 115) }
```

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

```
.background{ background-color: rgb(0, 103,  
115) }
```

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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