

Converting Colors

HunterLab(33.3396, -17.0929,
-7.4099)

Have a look what the booklet for
HunterLab(33.3396, -17.0929,
-7.4099) contains.

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Color

**HunterLab(33.6086,
-16.1550, -7.1340)**

Conversions

Conversions Part 1

Format	Color
Hex	006971
RGB	0, 105, 113
RGB Percent	0%, 41%, 44%
CMY	1.0000, 0.5882, 0.5569
CMYK	1.00, 0.07, 0.00, 0.56
HSL	184°, 100%, 22%
HSV	184°, 100%, 44%
XYZ	8.0322, 11.2954, 17.3797
YIQ	74.5170, -65.1480, -19.7720

Conversions

Conversions Part 2

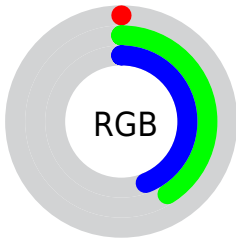
Format	Color
RYB	0, 54, 113
Decimal	26993
CIELab	40.07, -22.28, -11.81
CIELCh	40, 25.217, 207.929
Yxy	11.2958, 0.2188, 0.3077
Android (android.graphics.Color)	4278217073 (0xFF006971)
YUV	74.5170, 18.9721, -65.3514
Hunter-Lab	33.6086, -16.1550, -7.1340

Details

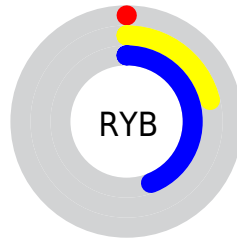
The HunterLab color **33.6086, -16.1550, -7.1340** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **19.1955, 30.5449, 12.3619**, and the grayscale version is **26.3055, -1.4036, 1.4292**.

A 20% lighter version of the original color is **53.2607, -20.0478, -7.1590**, and **18.1877, -8.1045, -5.2376** is the 20% darker color. If you saturate the color by 10%, you get **33.6089, -16.1551, -7.1340**, and if you desaturate by 10%, it is **33.9599, -16.0324, -6.6306**.

Distribution



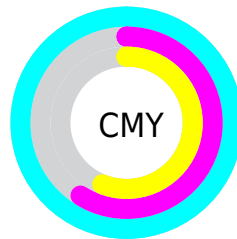
- Red (0%)
- Green (41%)
- Blue (44%)



- Red (0%)
- Yellow (21%)
- Blue (44%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.6086, -16.1550, -7.1340 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 33.6086, -16.1550, -7.1340 by changing the saturation by 10% instead.

■ 33.6086, -16.1550,
-7.1340

■ 33.6086, -16.1550,
-7.1340

141.3102,
-32.1084, -5.7539

■ 25.0323, -14.0871,
-6.9703

■ 53.1092, -19.9838,
-7.2303

■ 17.3424, -11.8484,
-6.7219

■ 63.9180, -21.8009,
-7.1777

■ 10.6569, -10.0043,
-6.3918

■ 75.3743, -23.5757,
-7.0656

■ 0.9067, -1.5867,
-53.9475

■ 87.4436, -25.3188,
-6.8987

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.0960,
-27.0383, -6.6808

0.0000, NaN, NaN

■ 113.3059,

0.0000, NaN, NaN

-28.7401, -6.4156

0.0000, NaN, NaN

127.0507,
-30.4289, -6.1057

33.6086, -16.1550,
-7.1340

33.6086, -16.1550,
-7.1340

33.6089, -16.1551,
-7.1340

33.9599, -16.0324,
-6.6306

34.3545, -15.7408,
-6.0690

34.8284, -15.1459,
-5.3999

35.3873, -14.2300,
-4.6193

36.0353, -12.9867,
-3.7276

■ 36.7743, -11.4183,
-2.7282

■ 37.6051, -9.5346,
-1.6268

■ 38.5270, -7.3512,
-0.4311

■ 39.5387, -4.8874,
0.8506

Harmonies

Analogous

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



33.6092, -17.8359, 2.4373



33.6086, -16.1550, -7.1340



33.6092, -10.7564, -15.9714

Triad

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



33.6092, -16.1550, -7.1335



33.6092, 14.7051, -8.4915



33.6092, -1.1476, 14.7578

Complementary

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



33.6086, -16.1550, -7.1340



19.1955, 30.5449, 12.3619

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.



33.6092, 8.2161, 13.2706



33.6086, -16.1550, -7.1340



33.6092, 17.9649, 1.2100

Square

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



33.6092, -16.1550, -7.1335



33.6092, 6.9793, -16.8934



33.6092, 15.4719, 8.8495



33.6092, -9.7525, 13.6385

Rectangle

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



33.6086, -16.1550, -7.1340



33.6092, -5.4467, -19.3676



33.6092, 15.4719, 8.8495



33.6092, 2.0193, 14.5572

Sweetspot

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



33.6092, -16.1550, -7.1335



50.2266, -12.9788, -2.3015



34.3904, -29.3177, 20.3045



23.9772, -6.6476, -1.3398



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



33.6092, -16.1550, -7.1335



44.8871, -21.5109, -9.6693



18.4030, 7.3492, -38.8648



19.4339, -2.2683, 0.4818



35.7787, -17.1857, -7.6212



79.5241, -37.9480, -17.4793

Inverse Universe

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



21.2860, 41.2416, -23.3885



28.4694, 55.1420, -31.1172



26.7991, 10.6882, 16.6999



18.5731, 1.1798, -0.3569



22.6674, 43.9172, -24.8764



50.5391, 97.8359, -54.8315

Previews

White Background



This preview shows how the HunterLab color 33.6086, -16.1550, -7.1340 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 33.6086, -16.1550, -7.1340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

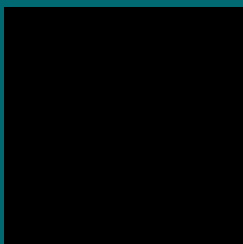
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

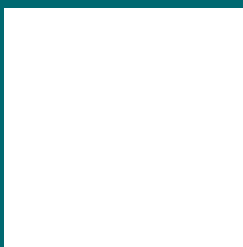
Any Text WCAG AAA × Fail

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

HunterLab 33.6086, -16.1550, -7.1340 Background



This preview shows how black text looks on a background with the HunterLab color 33.6086, -16.1550, -7.1340.



This preview shows how white text looks on a background with the HunterLab color 33.6086,

-16.1550, -7.1340.

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

33.6086, -16.1550, -7.1340

Protanopia

33.7241, -0.1680, -3.1950

Deuteranopia

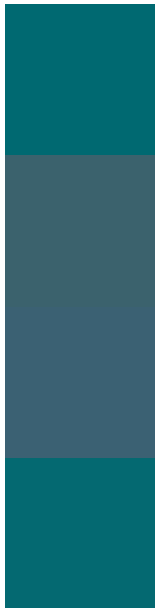
33.5297, 2.5115, -8.5125



Tritanopia

33.6662, -15.9304, -7.0474

Trichromacy



Original Color

33.6086, -16.1550, -7.1340

Protanomaly

32.8166, -8.8471, -6.0729

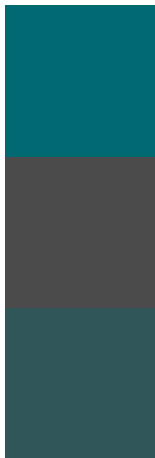
Deuteranomaly

32.7368, -7.2739, -9.3306

Tritanomaly

33.6470, -16.0052, -7.0762

Monochromacy



Original Color

33.6086, -16.1550, -7.1340

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

28.2935, -9.4530, -2.5365

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.6086, -16.1550, -7.1340 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, 105, 113)` looks like.

```
.text, #text, p{  
    color:rgb(0, 105, 113)  
}
```

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, 105, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 105, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 33.6086, -16.1550, -7.1340 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, 105, 113) }
```


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

```
.border{ border-color:rgb(0, 105, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 105, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 105, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 105, 113);  
box-shadow:4px 4px 4px 4px rgb(0, 105,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.6086, -16.1550, -7.1340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 105, 113) }
```

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

```
.background{ background-color: rgb(0, 105,  
113) }
```

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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