

Converting Colors

HunterLab(38.1065, -43.4763,
15.5648)

Have a look what the booklet for
HunterLab(38.1065, -43.4763,
15.5648) contains.

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Color

**HunterLab(40.7190,
-31.8673, 17.8970)**

Conversions

Conversions Part 1

Format	Color
Hex	00833E
RGB	0, 131, 62
RGB Percent	0%, 51%, 24%
CMY	1.0000, 0.4863, 0.7569
CMYK	1.00, 0.00, 0.53, 0.49
HSL	148°, 100%, 26%
HSV	148°, 100%, 51%
XYZ	8.9858, 16.5804, 7.2842
YIQ	83.9650, -55.9270, -49.2310

Conversions

Conversions Part 2

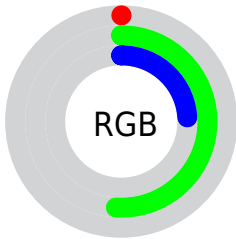
Format	Color
RYB	0, 89, 131
Decimal	33598
CIELab	47.73, -46.91, 28.68
CIElCh	48, 54.983, 148.555
Yxy	16.5810, 0.2735, 0.5047
Android (android.graphics.Color)	4278223678 (0xFF00833E)
YUV	83.9650, -10.8287, -73.6373
Hunter-Lab	40.7190, -31.8673, 17.8970

Details

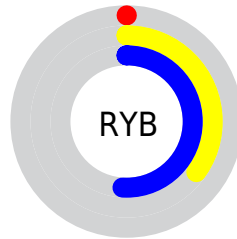
The HunterLab color $[40.7190, -31.8673, 17.8970]$ is a dark color, and the websafe version is hex 009966 . A complement of this color would be $[22.9243, 41.1324, 0.2832]$, and the grayscale version is $[29.8160, -1.5909, 1.6200]$.

A 20% lighter version of the original color is $[61.2789, -38.7077, 22.5314]$, and $[24.0246, -20.0886, 13.3368]$ is the 20% darker color. If you saturate the color by 10%, you get $[40.7198, -31.8679, 17.8974]$, and if you desaturate by 10%, it is $[40.9243, -30.8128, 16.5441]$.

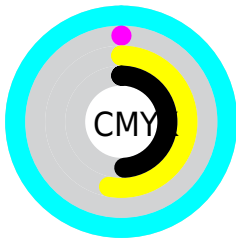
Distribution



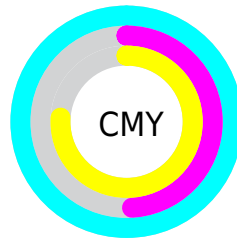
- Red (0%)
- Green (51%)
- Blue (24%)



- Red (0%)
- Yellow (35%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (49%)



- Cyan (100%)
- Magenta (49%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7190, -31.8673, 17.8970 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 40.7190, -31.8673, 17.8970 by changing the saturation by 10% instead.

■ 40.7190, -31.8673,
17.8970

■ 40.7190, -31.8673,
17.8970

152.5603,
-59.3189, 36.9442

■ 31.5218, -28.0431,
15.3700

■ 61.3221, -38.7990,
22.5576

■ 23.1445, -23.8627,
12.6482

■ 72.6299, -42.0109,
24.7515

■ 15.6781, -19.2365,
10.4773

■ 84.5581, -45.0988,
26.8810

■ 9.2494, -16.1864,
6.4746

■ 97.0762, -48.0856,
28.9598

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.1574,
-50.9888, 30.9982

0.0000, NaN, NaN

■ 123.7785,

0.0000, NaN, NaN

-53.8218, 33.0044

0.0000, NaN, NaN

137.9190,
-56.5956, 34.9846

■ 40.7190, -31.8673,
17.8970

■ 40.7190, -31.8673,
17.8970

■ 40.7198, -31.8679,
17.8974

■ 40.9243, -30.8128,
16.5441

■ 41.2002, -29.4449,
15.0841

■ 41.5818, -27.6312,
13.5557

■ 42.0778, -25.3514,
11.9794

■ 42.6944, -22.6022,
10.3755

■ 43.4349, -19.3947,
8.7638

■ 44.3009, -15.7511,
7.1632

■ 45.2921, -11.7026,
5.5909

■ 46.4068, -7.2859,
4.0618

Harmonies

Analogous

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



40.7198, -20.1681, 23.8761



40.7190, -31.8673, 17.8970



40.7198, -35.9019, 3.1993

Triad

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



40.7198, -31.8677, 17.8972



40.7198, -3.2159, -60.2617



40.7198, 41.0464, 16.9278

Complementary

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



40.7190, -31.8673, 17.8970



22.9243, 41.1324, 0.2832

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.



40.7198, 48.1495, 1.2086



40.7190, -31.8673, 17.8970



40.7198, 19.6129, -49.9156

Square

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



40.7198, -31.8677, 17.8972



40.7198, -21.6358, -47.8711



40.7198, 39.6060, -24.2134



40.7198, 21.8059, 23.5564

Rectangle

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



40.7190, -31.8673, 17.8970



40.7198, -34.5128, -12.4472



40.7198, 39.6060, -24.2134



40.7198, 45.0893, 12.8808

Sweetspot

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



40.7198, -31.8677, 17.8972



59.1967, -21.4342, 9.7333



41.8694, -27.9403, 25.3105



28.3540, -11.2168, 5.0687



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



40.7198, -31.8677, 17.8972



54.4621, -42.8208, 24.3649



42.1379, -23.2316, -2.5183



22.8883, -3.3907, 1.9354



40.3998, -31.6129, 17.7469



2.4083, -1.6731, 0.6015

Inverse Universe

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



22.9243, 41.1324, 0.2832



30.6253, 54.8566, 1.1094



21.9888, 37.6996, 13.8712



21.7408, 1.0956, 0.5263



22.7448, 40.8130, 0.2645



1.3928, 2.5965, -0.7382

Previews

White Background



This preview shows how the HunterLab color 40.7190, -31.8673, 17.8970 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 40.7190, -31.8673, 17.8970 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 40.7190, -31.8673, 17.8970 Background



This preview shows how black text looks on a background with the HunterLab color 40.7190, -31.8673, 17.8970.



This preview shows how white text looks on a background with the HunterLab color 40.7190,

-31.8673, 17.8970.

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

40.7190, -31.8673, 17.8970

Protanopia

40.5657, -4.6498, 19.4467

Deuteranopia

40.5720, 2.5711, 17.0534



Tritanopia

40.6979, -15.5991, -7.5228

Trichromacy



Original Color

40.7190, -31.8673, 17.8970



Protanomaly

39.2987, -19.7702, 17.8303



Deuteranomaly

38.6139, -15.9888, 15.5997



Tritanomaly

40.3613, -23.2650, 4.0297

Monochromacy



Original Color

40.7190, -31.8673, 17.8970



Achromatopsia

29.7751, -1.5887, 1.6177



Achromatomaly

32.5362, -16.1958, 7.3053

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7190, -31.8673, 17.8970 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, 131, 62)` looks like.

```
.text, #text, p{  
    color:rgb(0, 131, 62)  
}
```

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, 131, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 131, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7190, -31.8673, 17.8970 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, 131, 62) }
```


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

```
.border{ border-color:rgb(0, 131, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 131, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 131, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 131, 62);  
box-shadow:4px 4px 4px 4px rgb(0, 131, 62)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 40.7190, -31.8673, 17.8970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 131, 62) }
```

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

```
.background{ background-color: rgb(0, 131,  
62) }
```

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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