

Converting Colors

HunterLab(59.7475, -40.2463,
17.7779)

Have a look what the booklet for
HunterLab(59.7475, -40.2463,
17.7779) contains.

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Color

**HunterLab(59.8970,
-40.3936, 17.9753)**

Conversions

Conversions Part 1

Format	Color
Hex	2FB77A
RGB	47, 183, 122
RGB Percent	18%, 72%, 48%
CMY	0.8157, 0.2823, 0.5216
CMYK	0.74, 0.00, 0.33, 0.28
HSL	153°, 59%, 45%
HSV	153°, 74%, 72%
XYZ	21.6187, 35.8765, 24.1978
YIQ	135.3820, -61.4750, -47.8030

Conversions

Conversions Part 2

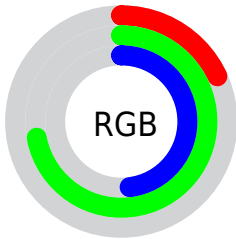
Format	Color
RYB	47, 135, 183
Decimal	3127162
CIELab	66.43, -50.07, 20.97
CIELCh	66, 54.285, 157.277
Yxy	35.8779, 0.2646, 0.4392
Android (android.graphics.Color)	4281317242 (0xFF2FB77A)
YUV	135.3820, -6.5973, -77.5110
Hunter-Lab	59.8970, -40.3936, 17.9753

Details

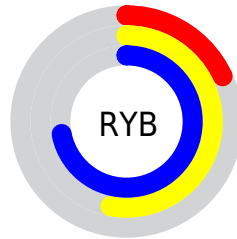
The HunterLab color **59.8970, -40.3936, 17.9753** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **36.3096, 50.7710, 0.0936**, and the grayscale version is **49.4177, -2.6368, 2.6850**.

A 20% lighter version of the original color is **83.0217, -47.0139, 21.3704**, and **40.2263, -30.2249, 14.9676** is the 20% darker color. If you saturate the color by 10%, you get **59.4436, -42.5940, 20.0662**, and if you desaturate by 10%, it is **60.5144, -37.5325, 15.8672**.

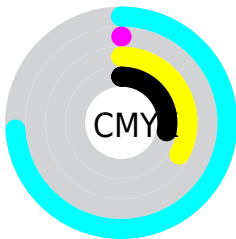
Distribution



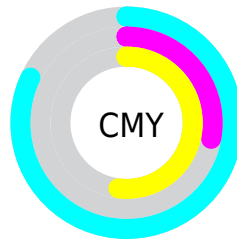
- Red (18%)
- Green (72%)
- Blue (48%)



- Red (18%)
- Yellow (53%)
- Blue (72%)



- Cyan (74%)
- Magenta (0%)
- Yellow (33%)
- Black (28%)



- Cyan (82%)
- Magenta (28%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.8970, -40.3936, 17.9753 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 59.8970, -40.3936, 17.9753 by changing the saturation by 10% instead.

■ 59.8970, -40.3936,
17.9753

■ 59.8970, -40.3936,
17.9753

181.2255,
-67.7297, 32.9160

■ 49.3355, -36.7959,
16.1869

■ 82.9721, -47.1005,
21.4211

■ 39.4791, -32.9738,
14.3314

■ 95.4149, -50.2691,
23.0996

■ 30.3837, -28.8571,
12.3829

■ 108.4243,
-53.3429, 24.7587

■ 22.1192, -24.3370,
10.3003

■ 121.9764,
-56.3372, 26.4037

■ 14.7797, -19.7518,
8.2837

■ 136.0503,
-59.2640, 28.0390

■ 8.4348, -14.7609,
5.9044

150.6274,

0.0000, NaN, NaN

-62.1332, 29.6678

0.0000, NaN, NaN

165.6909,
-64.9529, 31.2927

0.0000, NaN, NaN

■ 59.8970, -40.3936,
17.9753

■ 59.8970, -40.3936,
17.9753

■ 59.4436, -42.5940,
20.0662

■ 60.5144, -37.5325,
15.8672

■ 59.1333, -44.1846,
22.1055

■ 61.3042, -33.9863,
13.7716

■ 58.9969, -44.9139,
23.2152

■ 62.2756, -29.7574,
11.7183

■ 63.4328, -24.8678,
9.7341

■ 64.7771, -19.3551,
7.8423

■ 66.3075, -13.2688,
6.0625

■ 68.0206, -6.6657,
4.4098

■ 69.9113, 0.3939,
2.8953

■ 71.9735, 7.8494,
1.5257

Harmonies

Analogous

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



59.8982, -28.8816, 28.8887



59.8970, -40.3936, 17.9753



59.8982, -42.7562, -2.6280

Triad

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



59.8982, -40.3942, 17.9758



59.8982, 2.8157, -59.4524



59.8982, 38.5556, 24.3682

Complementary

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



59.8970, -40.3936, 17.9753



36.3096, 50.7710, 0.0936

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.



59.8982, 50.3639, 8.6058



59.8970, -40.3936, 17.9753



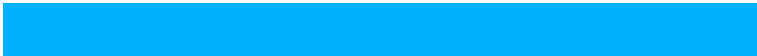
59.8982, 27.7048, -43.8022

Square

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



59.8982, -40.3942, 17.9758



59.8982, -20.1517, -53.7035



59.8982, 46.1063, -16.5062



59.8982, 15.8772, 31.4233

Rectangle

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



59.8970, -40.3936, 17.9753



59.8982, -39.2330, -20.8094



59.8982, 46.1063, -16.5062



59.8982, 44.0795, 20.2203

Sweetspot

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



59.8982, -40.3942, 17.9758



87.0683, -24.3703, 10.0176



61.0529, -37.6781, 34.3488



40.6735, -12.4442, 5.0186



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



59.8982, -40.3942, 17.9758



79.2739, -58.4016, 28.5444



59.2907, -27.6352, -8.7501



31.8446, -4.7642, 2.4776



49.2895, -37.4250, 19.1824



9.3205, -6.6196, 2.6399

Inverse Universe

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



36.3096, 50.7710, 0.0936



44.8860, 75.6787, 5.1923



35.9069, 43.3098, 18.4425



30.1287, 1.5886, 0.9592



27.3174, 48.3900, 5.1861



5.2495, 9.5231, -0.7411

Previews

White Background



This preview shows how the HunterLab color 59.8970, -40.3936, 17.9753 looks on a white 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

Black Background



This preview shows how the HunterLab color 59.8970, -40.3936, 17.9753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

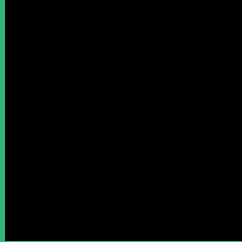
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 59.8970, -40.3936, 17.9753 Background



This preview shows how black text looks on a background with the HunterLab color 59.8970, -40.3936, 17.9753.



This preview shows how white text looks on a background with the HunterLab color 59.8970,

-40.3936, 17.9753.

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

59.8970, -40.3936, 17.9753

Protanopia

59.3260, -5.3454, 21.1429

Deuteranopia

59.3810, 4.3346, 15.9291



Tritanopia

59.9265, -22.7326, -11.1043

Trichromacy



Original Color

59.8970, -40.3936, 17.9753



Protanomaly

58.1191, -22.1394, 18.5692



Deuteranomaly

58.0094, -17.2830, 15.2681



Tritanomaly

59.7626, -30.0374, 0.9837

Monochromacy



Original Color

59.8970, -40.3936, 17.9753



Achromatopsia

49.2221, -2.6264, 2.6743



Achromatomaly

51.9151, -19.1591, 7.5352

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.8970, -40.3936, 17.9753 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(47, 183, 122)` looks like.

```
.text, #text, p{  
    color:rgb(47, 183, 122)  
}
```

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(47, 183, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 183, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 59.8970, -40.3936, 17.9753 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(47, 183, 122) }
```


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

```
.border{ border-color:rgb(47, 183, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 183, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 183, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 183, 122);  
box-shadow:4px 4px 4px 4px rgb(47, 183,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.8970, -40.3936, 17.9753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 183, 122) }
```

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

```
.background{ background-color: rgb(47, 183,  
122) }
```

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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