

Converting Colors

HunterLab(61.6575, -40.1136,
18.2980)

Have a look what the booklet for
HunterLab(61.6575, -40.1136,
18.2980) contains.

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Color

**HunterLab(61.6504,
-40.1376, 18.3030)**

Conversions

Conversions Part 1

Format	Color
Hex	3CBB7E
RGB	60, 187, 126
RGB Percent	24%, 73%, 49%
CMY	0.7647, 0.2667, 0.5059
CMYK	0.68, 0.00, 0.33, 0.27
HSL	151°, 51%, 48%
HSV	151°, 68%, 73%
XYZ	23.3997, 38.0077, 25.8417
YIQ	142.0730, -56.1110, -45.8950

Conversions

Conversions Part 2

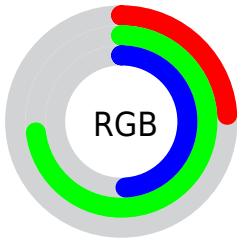
Format	Color
RYB	60, 144, 187
Decimal	3980158
CIELab	68.03, -48.81, 21.05
CIELCh	68, 53.154, 156.675
Yxy	38.0092, 0.2682, 0.4356
Android (android.graphics.Color)	4282170238 (0xFF3CBB7E)
YUV	142.0730, -7.9240, -71.9780
Hunter-Lab	61.6504, -40.1376, 18.3030

Details

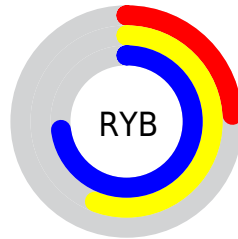
The HunterLab color **61.6504, -40.1376, 18.3030** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **38.9587, 48.9406, -2.6684**, and the grayscale version is **52.0866, -2.7792, 2.8300**.

A 20% lighter version of the original color is **84.9080, -46.6003, 21.7237**, and **41.6063, -31.0799, 15.0882** is the 20% darker color. If you saturate the color by 10%, you get **61.0775, -42.8542, 20.5424**, and if you desaturate by 10%, it is **62.4023, -36.7113, 16.0364**.

Distribution



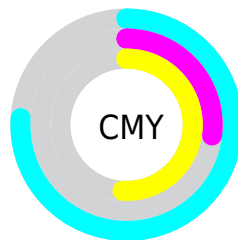
- Red (24%)
- Green (73%)
- Blue (49%)



- Red (24%)
- Yellow (56%)
- Blue (73%)



- Cyan (68%)
- Magenta (0%)
- Yellow (33%)
- Black (27%)



- Cyan (76%)
- Magenta (27%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.6504, -40.1376, 18.3030 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 61.6504, -40.1376, 18.3030 by changing the saturation by 10% instead.

■ 61.6504, -40.1376,
18.3030

■ 61.6504, -40.1376,
18.3030

183.7552,
-66.7986, 33.2545

■ 50.9803, -36.6531,
16.5186

■ 84.9249, -46.6525,
21.7462

■ 41.0074, -32.9606,
14.6701

■ 97.4601, -49.7375,
23.4251

■ 31.7859, -28.9962,
12.7330

■ 110.5579,
-52.7340, 25.0853

■ 23.3829, -24.6614,
10.6690

■ 124.1948,
-55.6561, 26.7321

■ 15.8875, -19.8784,
8.5029

■ 138.3505,
-58.5152, 28.3695

■ 9.4270, -16.4973,
6.5989

153.0066,

0.0000, NaN, NaN

-61.3206, 30.0007

0.0000, NaN, NaN

168.1465,
-64.0796, 31.6283

0.0000, NaN, NaN

■ 61.6504, -40.1376,
18.3030

■ 61.6504, -40.1376,
18.3030

■ 61.0775, -42.8542,
20.5424

■ 62.4023, -36.7113,
16.0364

■ 60.6656, -44.8926,
22.7200

■ 63.3390, -32.5675,
13.7728

■ 60.3897, -46.3453,
24.7974

■ 64.4674, -27.7235,
11.5429

■ 60.3395, -46.6147,
25.2087

■ 65.7898, -22.2144,
9.3741

■ 67.3057, -16.0890,
7.2904

■ 69.0123, -9.4051,
5.3115

■ 70.9048, -2.2257,
3.4529

■ 72.9771, 5.3853,
1.7255

■ 75.2219, 13.3654,
0.1365

Harmonies

Analogous

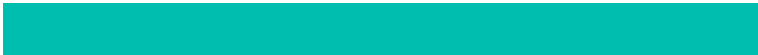
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.6516, -28.4581, 29.1663



61.6504, -40.1376, 18.3030



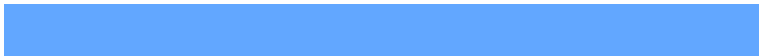
61.6516, -42.6894, -1.9567

Triad

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



61.6516, -40.1382, 18.3035



61.6516, 2.1521, -57.9370



61.6516, 38.1604, 24.2063

Complementary

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



61.6504, -40.1376, 18.3030



38.9587, 48.9406, -2.6684

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.



61.6516, 49.4381, 8.2341



61.6504, -40.1376, 18.3030



61.6516, 26.6945, -43.1329

Square

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



61.6516, -40.1382, 18.3035



61.6516, -20.4878, -51.9473



61.6516, 44.9505, -16.6314



61.6516, 16.0211, 31.5524

Rectangle

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



61.6504, -40.1376, 18.3030



61.6516, -39.2828, -19.7282



61.6516, 44.9505, -16.6314



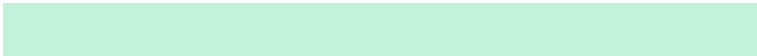
61.6516, 43.4899, 19.9612

Sweetspot

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



61.6516, -40.1382, 18.3035



89.5597, -23.5780, 10.4165



63.2149, -35.7242, 34.3174



41.7550, -12.1636, 5.2559



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



61.6516, -40.1382, 18.3035



81.4695, -58.6565, 28.7847



62.6093, -29.2849, -6.4561



32.7570, -4.9565, 2.6635



50.0994, -38.6017, 20.7101



9.9816, -7.2317, 3.1349

Inverse Universe

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



38.9587, 48.9406, -2.6684



47.7277, 75.1860, -0.2292



37.8811, 42.2713, 17.3905



31.0011, 1.6909, 0.8680



27.9288, 49.6942, 3.5879



5.6460, 10.2646, -0.9695

Previews

White Background



This preview shows how the HunterLab color 61.6504, -40.1376, 18.3030 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 61.6504, -40.1376, 18.3030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

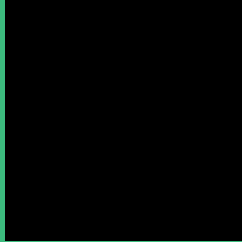
Any Text WCAG AA ✓ Pass

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 61.6504, -40.1376, 18.3030 Background



This preview shows how black text looks on a background with the HunterLab color 61.6504, -40.1376, 18.3030.



This preview shows how white text looks on a background with the HunterLab color 61.6504,

-40.1376, 18.3030.

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

61.6504, -40.1376, 18.3030

Protanopia

60.9582, -5.4789, 21.3954

Deuteranopia

60.9885, 4.1293, 16.4313



Tritanopia

61.6618, -22.5338, -10.9103

Trichromacy



Original Color

61.6504, -40.1376, 18.3030



Protanomaly

59.9412, -21.5921, 18.9812



Deuteranomaly

59.8559, -16.6400, 15.6722



Tritanomaly

61.5280, -29.7214, 1.2222

Monochromacy



Original Color

61.6504, -40.1376, 18.3030



Achromatopsia

52.0094, -2.7751, 2.8258



Achromatomaly

54.4757, -18.8124, 7.8873

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.6504, -40.1376, 18.3030 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(60, 187, 126)` looks like.

```
.text, #text, p{  
    color:rgb(60, 187, 126)  
}
```

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(60, 187, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 187, 126) }
```

Border

The CSS property to change the border of an element to HunterLab 61.6504, -40.1376, 18.3030 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(60, 187, 126) }
```


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

```
.border{ border-color:rgb(60, 187, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 187, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 187, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 187, 126);  
box-shadow:4px 4px 4px 4px rgb(60, 187,  
126) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.6504, -40.1376, 18.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 187, 126) }
```

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

```
.background{ background-color: rgb(60, 187,  
126) }
```

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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