

Converting Colors

HunterLab(57.2727, -43.4296,
12.9266)

Have a look what the booklet for
HunterLab(57.2727, -43.4296,
12.9266) contains.

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Color

**HunterLab(58.1594,
-40.1426, 13.9622)**

Conversions

Conversions Part 1

Format	Color
Hex	00B381
RGB	0, 179, 129
RGB Percent	0%, 70%, 51%
CMY	0.9999, 0.2980, 0.4941
CMYK	1.00, 0.00, 0.28, 0.30
HSL	163°, 100%, 35%
HSV	163°, 100%, 70%
XYZ	20.0825, 33.8252, 26.2393
YIQ	119.7790, -90.6340, -53.4980

Conversions

Conversions Part 2

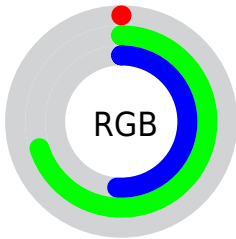
Format	Color
RYB	0, 104, 179
Decimal	45953
CIELab	64.82, -50.57, 14.89
CIELCh	65, 52.721, 163.592
Yxy	33.8265, 0.2506, 0.4220
Android (android.graphics.Color)	4278236033 (0xFF00B381)
YUV	119.7790, 4.5460, -105.0462
Hunter-Lab	58.1594, -40.1426, 13.9622

Details

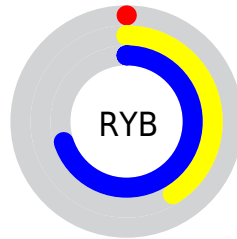
The HunterLab color **58.1594, -40.1426, 13.9622** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **31.3287, 54.3838, 14.5418**, and the grayscale version is **43.2635, -2.3084, 2.3506**.

A 20% lighter version of the original color is **81.1179, -46.9866, 16.8147**, and **39.0467, -28.1871, 12.0428** is the 20% darker color. If you saturate the color by 10%, you get **58.1603, -40.1441, 13.9642**, and if you desaturate by 10%, it is **58.3870, -38.9797, 12.3915**.

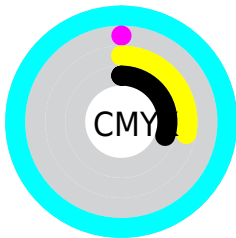
Distribution



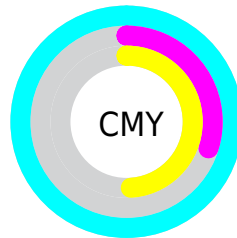
- Red (0%)
- Green (70%)
- Blue (51%)



- Red (0%)
- Yellow (41%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (30%)





- Cyan (100%)
- Magenta (30%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 58.1594, -40.1426, 13.9622 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 58.1594, -40.1426, 13.9622 by changing the saturation by 10% instead.


 58.1594, -40.1426,
13.9622


 58.1594, -40.1426,
13.9622


178.7058,
-67.8261, 26.3575


 47.7078, -36.4788,
12.5467


 81.0332, -46.9556,
16.7365


 37.9692, -32.5782,
11.0965


 93.3829, -50.1684,
18.1086


 29.0017, -28.3645,
9.5938


 106.3031,
-53.2821, 19.4770

 20.8783, -23.7196,
8.0092

 119.7698,
-56.3128, 20.8452

 13.6981, -19.7327,
6.3606

 133.7614,
-59.2731, 22.2156

 7.3083, -12.7895,
5.1158

 148.2591,

0.0000, NaN, NaN

-62.1734, 23.5901

0.0000, NaN, NaN

163.2457,
-65.0221, 24.9703

0.0000, NaN, NaN

■ 58.1594, -40.1426,
13.9622

■ 58.1594, -40.1426,
13.9622

■ 58.1603, -40.1441,
13.9642

■ 58.3870, -38.9797,
12.3915

■ 58.7174, -37.3888,
10.8614

■ 59.1875, -35.2354,
9.4216

■ 59.8118, -32.4791,
8.0998

■ 60.6005, -29.1033,
6.9195

■ 61.5602, -25.1118,
5.8999

■ 62.6945, -20.5252,
5.0553

■ 64.0042, -15.3771,
4.3956

■ 65.4883, -9.7109,
3.9260

Harmonies

Analogous

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



58.1605, -30.8841, 26.3455



58.1594, -40.1426, 13.9622



58.1605, -40.5584, -7.7657

Triad

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



58.1605, -40.1430, 13.9627



58.1605, 7.8002, -55.3540



58.1605, 33.0249, 25.5508

Complementary

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



58.1594, -40.1426, 13.9622



31.3287, 54.3838, 14.5418

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.



58.1605, 47.1552, 12.3166



58.1594, -40.1426, 13.9622



58.1605, 31.1175, -36.9280

Square

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



58.1605, -40.1430, 13.9627



58.1605, -15.2273, -54.3437



58.1605, 46.4068, -10.2039



58.1605, 10.0963, 31.0038

Rectangle

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



58.1594, -40.1426, 13.9622



58.1605, -35.9162, -25.6914



58.1605, 46.4068, -10.2039



58.1605, 39.1113, 22.1526

Sweetspot

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



58.1605, -40.1430, 13.9627



83.8167, -27.8036, 6.8177



57.3918, -46.0929, 34.5571



39.1429, -14.3277, 3.4194



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



58.1605, -40.1430, 13.9627



77.8073, -53.8802, 19.0597



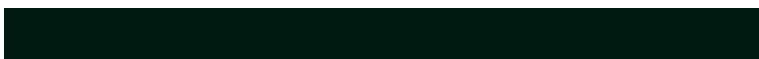
46.9853, -15.5590, -25.1387



30.9681, -4.3969, 1.8419



48.9018, -33.6736, 11.5686



8.7278, -5.6469, 1.2811

Inverse Universe

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



31.3287, 54.3838, 14.5418



41.8853, 72.6362, 20.0395



33.1992, 45.7246, 21.2568



29.2284, 1.3143, 1.5074



26.3531, 45.7851, 11.9538



4.7822, 8.5161, 0.5597

Previews

White Background



This preview shows how the HunterLab color 58.1594, -40.1426, 13.9622 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 58.1594, -40.1426, 13.9622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

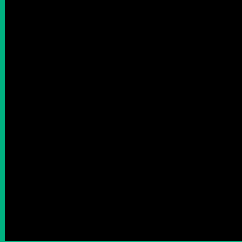
Any Text WCAG AA ✓ Pass

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 58.1594, -40.1426, 13.9622 Background



This preview shows how black text looks on a background with the HunterLab color 58.1594, -40.1426, 13.9622.



This preview shows how white text looks on a background with the HunterLab color 58.1594,

-40.1426, 13.9622.

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

58.1594, -40.1426, 13.9622

Protanopia

57.7065, -4.8027, 17.8646

Deuteranopia

57.5723, 4.2606, 11.9448



Tritanopia

58.2924, -24.1747, -11.7531

Trichromacy



Original Color

58.1594, -40.1426, 13.9622



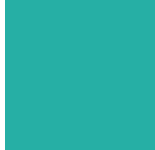
Protanomaly

55.6958, -24.6131, 14.2881



Deuteranomaly

55.4622, -20.0813, 10.1022



Tritanomaly

58.1280, -31.3385, -1.0394

Monochromacy



Original Color

58.1594, -40.1426, 13.9622



Achromatopsia

43.3383, -2.3124, 2.3547



Achromatomaly

46.9215, -20.9388, 4.8678

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.1594, -40.1426, 13.9622 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, 179, 129)` looks like.

```
.text, #text, p{  
  color:rgb(0, 179, 129)  
}
```

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, 179, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 179, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 58.1594, -40.1426, 13.9622 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, 179, 129) }
```


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

```
.border{ border-color:rgb(0, 179, 129) }
```

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

Here you see how a box with a 4 pixel rgb(0, 179, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 179, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 179, 129);  
box-shadow:4px 4px 4px 4px rgb(0, 179,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.1594, -40.1426, 13.9622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 179, 129) }
```

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

```
.background{ background-color: rgb(0, 179,  
129) }
```

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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