

Converting Colors

HunterLab(58.4281, -42.4547,
13.4987)

Have a look what the booklet for
HunterLab(58.4281, -42.4547,
13.4987) contains.

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Color

**HunterLab(58.8952,
-40.5695, 13.9640)**

Conversions

Conversions Part 1

Format	Color
Hex	00B583
RGB	0, 181, 131
RGB Percent	0%, 71%, 51%
CMY	0.9999, 0.2902, 0.4863
CMYK	1.00, 0.00, 0.28, 0.29
HSL	163°, 100%, 35%
HSV	163°, 100%, 71%
XYZ	20.6206, 34.6864, 27.0811
YIQ	121.1810, -91.8260, -53.9220

Conversions

Conversions Part 2

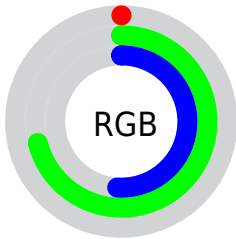
Format	Color
RYB	0, 105, 181
Decimal	46467
CIELab	65.50, -50.87, 14.75
CIELCh	66, 52.964, 163.832
Yxy	34.6878, 0.2503, 0.4210
Android (android.graphics.Color)	4278236547 (0xFF00B583)
YUV	121.1810, 4.8408, -106.2757
Hunter-Lab	58.8952, -40.5695, 13.9640

Details

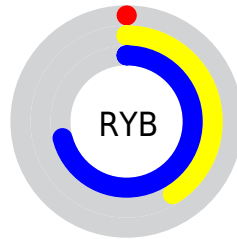
The HunterLab color **58.8952, -40.5695, 13.9640** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **31.7095, 55.0272, 14.8565**, and the grayscale version is **43.8071, -2.3374, 2.3801**.

A 20% lighter version of the original color is **81.8796, -47.4866, 16.7859**, and **39.7150, -28.7154, 12.3480** is the 20% darker color. If you saturate the color by 10%, you get **58.8962, -40.5710, 13.9660**, and if you desaturate by 10%, it is **59.1239, -39.4011, 12.3832**.

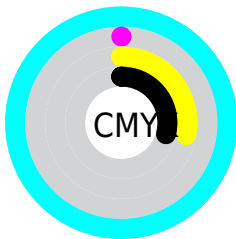
Distribution



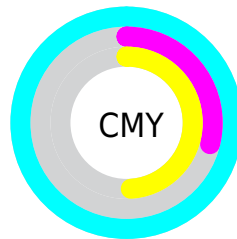
- Red (0%)
- Green (71%)
- Blue (51%)



- Red (0%)
- Yellow (41%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.8952, -40.5695, 13.9640 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 58.8952, -40.5695, 13.9640 by changing the saturation by 10% instead.

■ 58.8952, -40.5695,
13.9640

■ 58.8952, -40.5695,
13.9640

■ 179.7744,
-68.3330, 26.2991

■ 48.3968, -36.8999,
12.5592

■ 81.8547, -47.3979,
16.7207

■ 38.6080, -32.9958,
11.1214

■ 94.2440, -50.6194,
18.0852

■ 29.5860, -28.7827,
9.6337

■ 107.2022,
-53.7422, 19.4468

■ 21.4024, -24.1451,
8.0680

■ 120.7052,
-56.7821, 20.8085

■ 14.1540, -19.8555,
6.3980

■ 134.7318,
-59.7518, 22.1730

■ 7.8066, -13.6615,
5.4646

■ 149.2633,

0.0000, NaN, NaN

-62.6615, 23.5419

0.0000, NaN, NaN

164.2826,
-65.5196, 24.9169

0.0000, NaN, NaN

■ 58.8952, -40.5695,
13.9640

■ 58.8952, -40.5695,
13.9640

■ 58.8962, -40.5710,
13.9660

■ 59.1239, -39.4011,
12.3832

■ 59.4568, -37.7986,
10.8455

■ 59.9312, -35.6270,
9.4010

■ 60.5618, -32.8448,
8.0778

■ 61.3589, -29.4352,
6.8998

■ 62.3293, -25.4017,
5.8860

■ 63.4766, -20.7649,
5.0509

■ 64.8019, -15.5589,
4.4043

■ 66.3037, -9.8275,
3.9514

Harmonies

Analogous

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



58.8964, -31.2901, 26.5508



58.8952, -40.5695, 13.9640



58.8964, -40.9180, -8.0263

Triad

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



58.8964, -40.5699, 13.9645



58.8964, 8.0531, -55.6796



58.8964, 33.1296, 25.8840

Complementary

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



58.8952, -40.5695, 13.9640



31.7095, 55.0272, 14.8565

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.



58.8964, 47.4745, 12.5858



58.8952, -40.5695, 13.9640



58.8964, 31.5344, -37.0029

Square

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



58.8964, -40.5699, 13.9645



58.8964, -15.2091, -54.8357



58.8964, 46.8487, -10.0655



58.8964, 9.9742, 31.3533

Rectangle

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



58.8952, -40.5695, 13.9640



58.8964, -36.1815, -26.1040



58.8964, 46.8487, -10.0655



58.8964, 39.2928, 22.4702

Sweetspot

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



58.8964, -40.5699, 13.9645



84.8635, -28.1242, 6.8104



58.1038, -46.6766, 34.9856



39.1463, -14.3078, 3.3701



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.



58.8964, -40.5699, 13.9645



78.7922, -54.4509, 19.0604



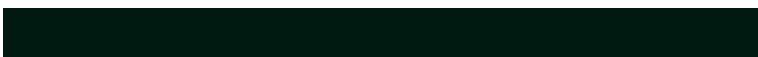
47.5603, -15.7391, -25.4688



30.9688, -4.3929, 1.8315



48.9124, -33.6089, 11.4157



8.7293, -5.6378, 1.2595

Inverse Universe

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



31.7095, 55.0272, 14.8565



42.3953, 73.4984, 20.4562



33.6012, 46.3285, 21.5151



29.2277, 1.3104, 1.5178



26.3466, 45.7611, 12.0492



4.7804, 8.5096, 0.5856

Previews

White Background



This preview shows how the HunterLab color 58.8952, -40.5695, 13.9640 looks on a white background.

Color Contrast Check

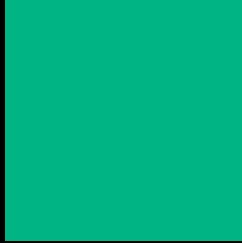
Large Text (above 18pt) WCAG AA × Fail

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 58.8952, -40.5695, 13.9640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

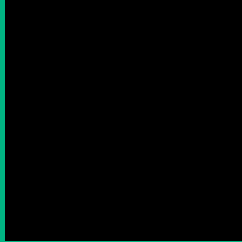
Any Text WCAG AA ✓ Pass

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 58.8952, -40.5695, 13.9640 Background



This preview shows how black text looks on a background with the HunterLab color 58.8952, -40.5695, 13.9640.



This preview shows how white text looks on a background with the HunterLab color 58.8952, -40.5695, 13.9640.

-40.5695, 13.9640.

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

58.8952, -40.5695, 13.9640

Protanopia

58.5191, -4.8625, 17.9706

Deuteranopia

58.3835, 4.2242, 12.0152



Tritanopia

59.0454, -24.4973, -11.8194

Trichromacy



Original Color

58.8952, -40.5695, 13.9640



Protanomaly

56.4941, -24.7442, 14.3657



Deuteranomaly

56.2036, -20.4166, 10.0946



Tritanomaly

58.8612, -31.7524, -1.1115

Monochromacy



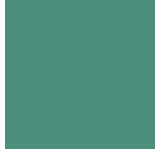
Original Color

58.8952, -40.5695, 13.9640



Achromatopsia

43.7266, -2.3331, 2.3758



Achromatomaly

47.6481, -21.2542, 4.8458

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.8952, -40.5695, 13.9640 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, 181, 131)` looks like.

```
.text, #text, p{  
    color:rgb(0, 181, 131)  
}
```

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, 181, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 181, 131) }
```

Border

The CSS property to change the border of an element to HunterLab 58.8952, -40.5695, 13.9640 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, 181, 131) }
```


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

```
.border{ border-color:rgb(0, 181, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 181, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 181, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 181, 131);  
box-shadow:4px 4px 4px 4px rgb(0, 181,  
131) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.8952, -40.5695, 13.9640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 181, 131) }
```

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

```
.background{ background-color: rgb(0, 181,  
131) }
```

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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