

Converting Colors

HunterLab(65.4693, -40.5745,
13.5445)

Have a look what the booklet for
HunterLab(65.4693, -40.5745,
13.5445) contains.

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Color

**HunterLab(65.6003,
-40.7447, 13.6308)**

Conversions

Conversions Part 1

Format	Color
Hex	3AC596
RGB	58, 197, 150
RGB Percent	23%, 77%, 59%
CMY	0.7725, 0.2274, 0.4118
CMYK	0.71, 0.00, 0.24, 0.23
HSL	160°, 55%, 50%
HSV	160°, 71%, 77%
XYZ	27.2162, 43.0340, 35.7260
YIQ	150.0810, -67.7570, -44.0850

Conversions

Conversions Part 2

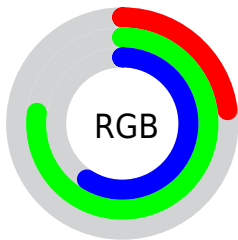
Format	Color
RYB	58, 142, 197
Decimal	3851670
CIELab	71.58, -47.93, 13.05
CIELCh	72, 49.678, 164.767
Yxy	43.0357, 0.2568, 0.4061
Android (android.graphics.Color)	4282041750 (0xFF3AC596)
YUV	150.0810, -0.0399, -80.7550
Hunter-Lab	65.6003, -40.7447, 13.6308

Details

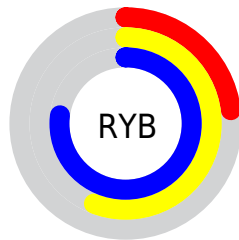
The HunterLab color **65.6003, -40.7447, 13.6308** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **39.8966, 51.3843, 5.6200**, and the grayscale version is **55.2796, -2.9496, 3.0034**.

A 20% lighter version of the original color is **89.4933, -47.2566, 16.4712**, and **44.9965, -31.4372, 11.6221** is the 20% darker color. If you saturate the color by 10%, you get **65.0733, -43.2134, 15.5411**, and if you desaturate by 10%, it is **66.3054, -37.5820, 11.8105**.

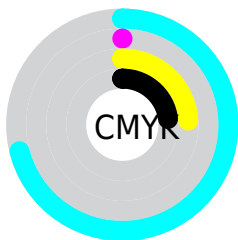
Distribution



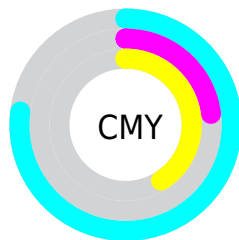
- Red (23%)
- Green (77%)
- Blue (59%)



- Red (23%)
- Yellow (56%)
- Blue (77%)



- Cyan (71%)
- Magenta (0%)
- Yellow (24%)
- Black (23%)



- Cyan (77%)
- Magenta (23%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.6003, -40.7447, 13.6308 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 65.6003, -40.7447, 13.6308 by changing the saturation by 10% instead.

■ 65.6003, -40.7447,
13.6308

■ 65.6003, -40.7447,
13.6308

189.4092,
-66.7861, 25.2915

■ 54.6929, -37.3778,
12.3378

■ 89.3111, -47.0695,
16.1971

■ 44.4665, -33.8254,
11.0274

■ 102.0490,
-50.0755, 17.4784

■ 34.9713, -30.0329,
9.6891

■ 115.3408,
-53.0008, 18.7627

■ 26.2687, -25.9177,
8.3051

■ 129.1642,
-55.8580, 20.0523

■ 18.4389, -21.3492,
6.8458

■ 143.4996,
-58.6575, 21.3488

■ 11.5927, -19.5441,
5.6436

158.3293,

■ 4.1812, -7.3171,

-61.4076, 22.6536

2.9269

173.6374,
-64.1153, 23.9675

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.6003, -40.7447,
13.6308

■ 65.6003, -40.7447,
13.6308

■ 65.0733, -43.2134,
15.5411

■ 66.3054, -37.5820,
11.8105

■ 64.7035, -45.0345,
17.5055

■ 67.1965, -33.7049,
10.1081

■ 64.4640, -46.2946,
19.3623

■ 68.2825, -29.1189,
8.5497

■ 69.5674, -23.8491,
7.1562

■ 71.0523, -17.9359,

5.9437

■ 72.7356, -11.4309,
4.9228

■ 74.6134, -4.3930,
4.0998

■ 76.6805, 3.1159,
3.4763

■ 78.9300, 11.0340,
3.0502

Harmonies

Analogous

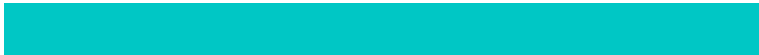
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.6016, -31.6689, 26.8554



65.6003, -40.7447, 13.6308



65.6016, -40.8157, -8.0019

Triad

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



65.6016, -40.7453, 13.6314



65.6016, 8.0761, -51.0703



65.6016, 30.6986, 26.7139

Complementary

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



65.6003, -40.7447, 13.6308



39.8966, 51.3843, 5.6200

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.



65.6016, 44.6218, 13.3567



65.6003, -40.7447, 13.6308



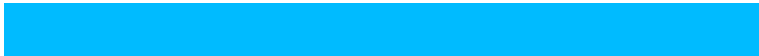
65.6016, 30.3968, -33.5775

Square

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



65.6016, -40.7453, 13.6314



65.6016, -14.6544, -50.9176



65.6016, 44.5044, -8.3884



65.6016, 8.4451, 32.4539

Rectangle

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



65.6003, -40.7447, 13.6308



65.6016, -35.8386, -25.0165



65.6016, 44.5044, -8.3884



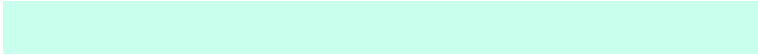
65.6016, 36.6353, 23.2146

Sweetspot

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



65.6016, -40.7453, 13.6314



94.9253, -24.6381, 8.0696



65.8361, -42.6790, 36.2152



43.6492, -12.4556, 3.9346

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.6016, -40.7453, 13.6314



86.7768, -59.3318, 22.3034



60.0349, -23.6558, -15.5907



34.6471, -5.0514, 2.2877



52.2958, -37.4503, 15.4794



11.4371, -7.7968, 2.5357

Inverse Universe

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



39.8966, 51.3843, 5.6200



48.8078, 78.5769, 12.9909



42.1276, 38.8834, 21.0048



32.7034, 1.6044, 1.4605



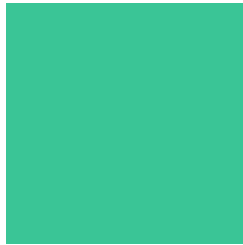
28.4346, 49.6715, 10.8056



6.2961, 11.2067, 0.7787

Previews

White Background



This preview shows how the HunterLab color 65.6003, -40.7447, 13.6308 looks on a white background.

Color Contrast Check

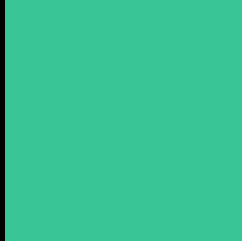
Large Text (above 18pt) WCAG AA × Fail

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 65.6003, -40.7447, 13.6308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

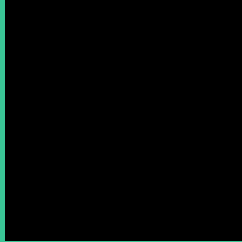
Any Text WCAG AA ✓ Pass

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 65.6003, -40.7447, 13.6308 Background



This preview shows how black text looks on a background with the HunterLab color 65.6003, -40.7447, 13.6308.



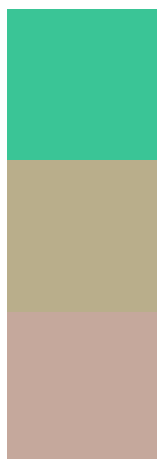
This preview shows how white text looks on a background with the HunterLab color 65.6003,

-40.7447, 13.6308.

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

65.6003, -40.7447, 13.6308

Protanopia

65.1540, -4.9705, 17.8329

Deuteranopia

65.0199, 4.3442, 11.4603



Tritanopia

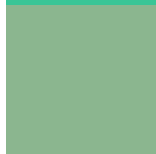
65.6305, -25.1006, -12.1759

Trichromacy



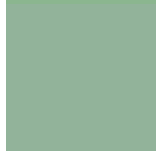
Original Color

65.6003, -40.7447, 13.6308



Protanomaly

63.9750, -21.7414, 14.9569



Deuteranomaly

63.7842, -17.0139, 10.5879



Tritanomaly

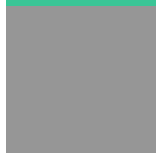
65.6495, -31.5471, -1.5521

Monochromacy



Original Color

65.6003, -40.7447, 13.6308



Achromatopsia

55.2257, -2.9467, 3.0005



Achromatomaly

57.9839, -19.4011, 5.8857

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.6003, -40.7447, 13.6308 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(58, 197, 150)` looks like.

```
.text, #text, p{  
    color:rgb(58, 197, 150)  
}
```

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(58, 197, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 197, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 65.6003, -40.7447, 13.6308 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(58, 197, 150) }
```


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

```
.border{ border-color:rgb(58, 197, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 197, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 197, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 197, 150);  
box-shadow:4px 4px 4px 4px rgb(58, 197,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.6003, -40.7447, 13.6308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 197, 150) }
```

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

```
.background{ background-color: rgb(58, 197,  
150) }
```

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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